

# Converting Colors

XYZ(125.6510, 109.5262,  
96.0025)

Have a look what the booklet for  
XYZ(125.6510, 109.5262, 96.0025)  
contains.

<b>XYZ(88.2753, 90.4026, 94.4582)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**XYZ(88.2753, 90.4026,  
94.4582)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FFF1EF
RGB	255, 241, 239
RGB Percent	100%, 95%, 94%
CMY	0.0000, 0.0549, 0.0627
CMYK	0.00, 0.05, 0.06, 0.00
HSL	8°, 100%, 97%
HSV	8°, 6%, 100%
XYZ	88.2753, 90.4026, 94.4582
YIQ	244.9580, 8.9860, 2.3460

# Conversions

## Conversions Part 2

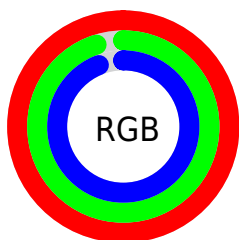
Format	Color
<a href="#">RYB</a>	<a href="#">255, 241, 239</a>
Decimal	<a href="#">16773615</a>
CIELab	<a href="#">96.16, 4.37, 2.64</a>
CIELCh	<a href="#">96, 5.104, 31.135</a>
Yxy	<a href="#">90.4026, 0.3232, 0.3310</a>
Android (android.graphics.Color)	<a href="#">4294963695</a> (0xFFFFF1EF)
YUV	<a href="#">244.9580, -2.9373, 8.8068</a>
Hunter-Lab	<a href="#">95.0803, -0.6659, 7.6541</a>

# Details

The XYZ color 88.2753, 90.4026, 94.4582 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.7711, 95.8188, 108.4239, and the grayscale version is 86.7770, 91.2961, 99.4215.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.1849, 50.1226, 51.8820 is the 20% darker color. If you saturate the color by 10%, you get 78.5676, 76.5967, 73.9289, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

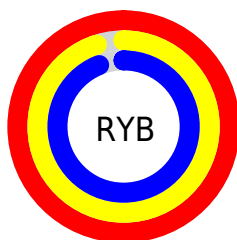
# Distribution



Red (100%)

Green (95%)

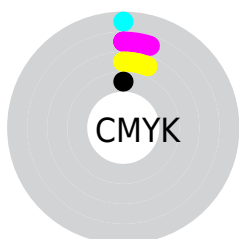
Blue (94%)



Red (100%)

Yellow (95%)

Blue (94%)

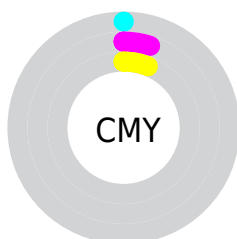


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (6%)

# Brightness & Saturation Gradients


These gradients show how the XYZ color 88.2753, 90.4026, 94.4582 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 88.2753, 90.4026, 94.4582 by changing the saturation by 10% instead.


 88.2753, 90.4026,  
94.4582

 88.2753, 90.4026,  
94.4582


510.7263,  
529.3396, 563.3690

 66.8826, 68.3146,  
71.0897


143.8309,  
147.8975, 155.5050

 49.2596, 50.1537,  
51.9331


178.7246,  
184.0732, 194.0204

 35.0408, 35.5356,  
36.5699


218.8494,  
225.7136, 238.4219

 23.8610, 24.0757,  
24.5815

264.5705,  
273.2030, 289.1279

 15.3547, 15.3898,  
15.5494

316.2534,  
326.9260, 346.5571

 9.1566, 9.0934,  
9.0549


374.2634,


 4.9014, 4.8022,


387.2668, 411.1280


4.6797

438.9659,  
454.6099, 483.2591

 2.2237, 2.1317,  
2.0052


 0.7552, 0.6823,  
0.5585


 88.2753, 90.4026,  
94.4582


 88.2753, 90.4026,  
94.4582

 78.5676, 76.5967,  
73.9289

95.0500, 100.0000,  
108.9000

 70.1466, 64.5495,  
56.3401

 62.9598, 54.1936,  
41.5588

 56.9489, 45.4530,  
29.4393

■ 52.0506, 38.2461,  
19.8230

■ 48.1957, 32.4838,  
12.5343

■ 45.3072, 28.0681,  
7.3746

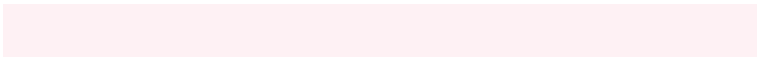
■ 43.2969, 24.8883,  
4.1122

■ 42.0596, 22.8160,  
2.4600

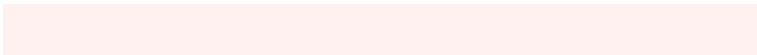
# Harmonies

## Analogous

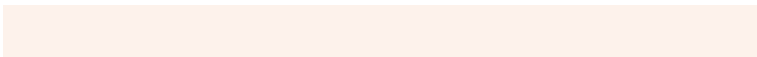
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.6745, 90.4026, 98.2788



88.2753, 90.4026, 94.4582



87.2453, 90.4026, 91.7645

# Triad

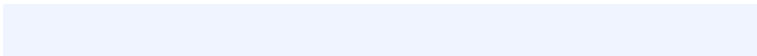
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2753, 90.4026, 94.4582



83.5638, 90.4026, 94.7186



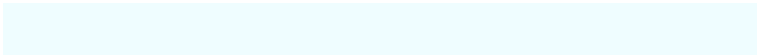
85.9789, 90.4026, 106.4323

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



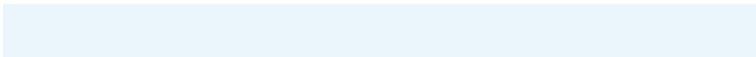
88.2753, 90.4026, 94.4582



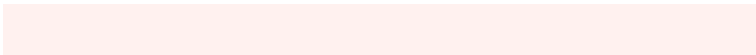
88.7711, 95.8188, 108.4239

# Split Complementary

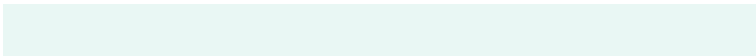
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.6180, 90.4026, 105.4171



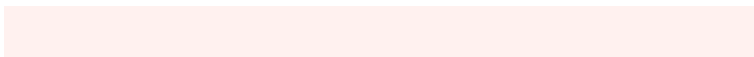
88.2753, 90.4026, 94.4582



83.2329, 90.4026, 98.5875

# Square

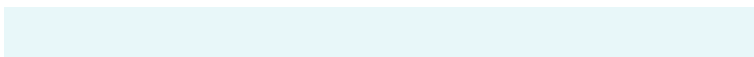
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2753, 90.4026, 94.4582



84.5256, 90.4026, 91.9119



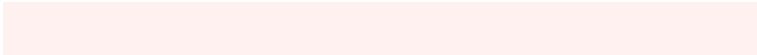
83.6167, 90.4026, 102.5179



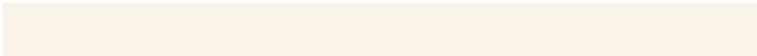
87.3397, 90.4026, 105.2556

# Rectangle

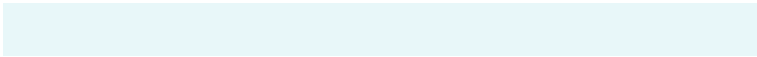
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



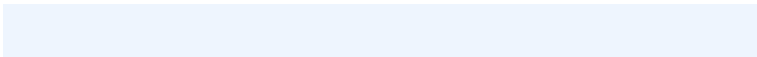
88.2753, 90.4026, 94.4582



86.3450, 90.4026, 90.9318



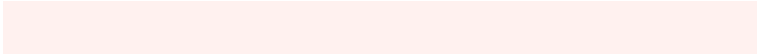
83.6167, 90.4026, 102.5179



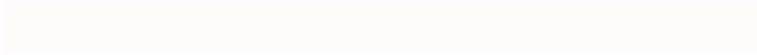
85.5063, 90.4026, 106.3359

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88.2773, 90.4063, 94.4601



92.8330, 96.8625, 104.1638



89.8579, 90.0944, 105.6940



19.8933, 20.7655, 22.3449



0.0000, 0.0000, 0.0000

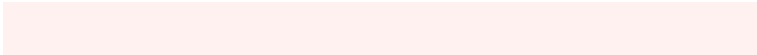


20.3446, 21.4041, 23.3091

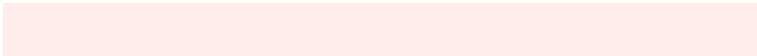


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2773, 90.4063, 94.4601



86.5070, 87.8937, 90.7004



90.6549, 95.1615, 95.2527



18.1927, 18.3536, 18.7281



21.8746, 11.7605, 1.1171

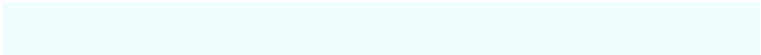


2.1848, 1.2550, 0.1271

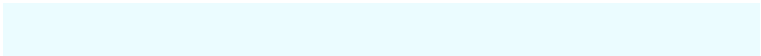


# Inverse Universe

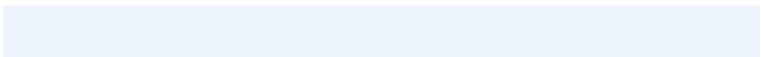
The Inverse Universe completely reimagines the original color for something new.



88.7711, 95.8188, 108.4239



87.1291, 94.7143, 108.2972



86.3403, 90.9572, 107.6136



18.3492, 20.0701, 23.1568



23.3032, 31.5160, 54.2896

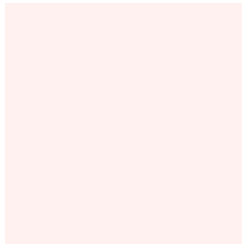


2.3210, 3.1728, 5.3033



# Previews

## White Background



This preview shows how the XYZ color 88.2753, 90.4026, 94.4582 looks on a white background.

## Color Contrast Check

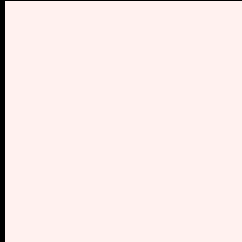
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the XYZ color 88.2753, 90.4026, 94.4582 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

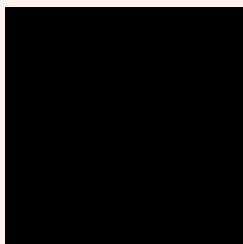
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

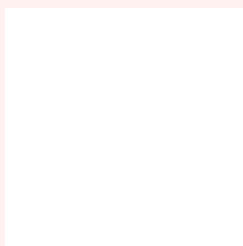
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 88.2753, 90.4026, 94.4582**

## **Background**



This preview shows how black text looks on a background with the XYZ color 88.2753, 90.4026, 94.4582.



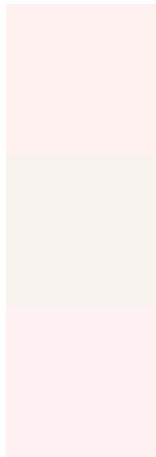
This preview shows how white text looks on a background with the XYZ color 88.2753, 90.4026,



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

88.2753, 90.4026, 94.4582

### Protanopia

86.8457, 90.5322, 95.3353

### Deuteranopia

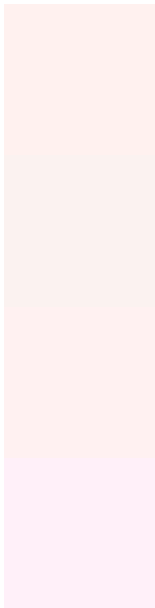
88.7223, 90.5814, 96.8122



## Tritanopia

89.9959, 90.1488, 106.4231

# Trichromacy



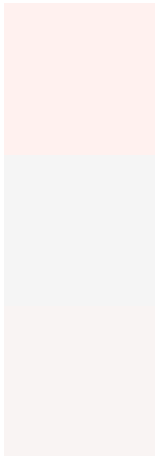
**Original Color**  
88.2753, 90.4026, 94.4582

**Protanomaly**  
87.2640, 90.3048, 95.2693

**Deuteranomaly**  
88.5725, 90.5215, 96.0232

**Tritanomaly**  
89.4990, 90.4197, 102.3582

# Monochromacy



**Original Color**  
88.2753, 90.4026, 94.4582

**Achromatopsia**  
86.7900, 91.3099, 99.4364

**Achromatomaly**  
87.5953, 91.3122, 97.8023

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.2753, 90.4026, 94.4582 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(255, 241, 239) looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 239)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 239) }
```

## Border

The CSS property to change the border of an element to XYZ 88.2753, 90.4026, 94.4582 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 241, 239) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 241, 239) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 241, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
239) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.2753, 90.4026, 94.4582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 239) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
241, 239) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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