

# Converting Colors

XYZ(87.9990, 89.6785, 94.8947)

Have a look what the booklet for  
XYZ(87.9990, 89.6785, 94.8947)  
contains.

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# Color

**XYZ(88.1283, 89.8714,  
95.1401)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF0F0
RGB	255, 240, 240
RGB Percent	100%, 94%, 94%
CMY	0.0000, 0.0588, 0.0588
CMYK	0.00, 0.06, 0.06, 0.00
HSL	0°, 100%, 97%
HSV	0°, 6%, 100%
XYZ	88.1283, 89.8714, 95.1401
YIQ	244.4850, 8.9400, 3.1800

# Conversions

## Conversions Part 2

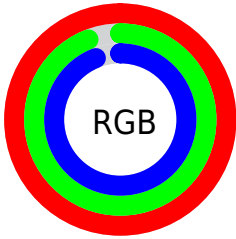
Format	Color
R <sub>Y</sub> B	255, 240, 240
Decimal	16773360
CIE Lab	95.94, 5.05, 1.80
CIE LCh	96, 5.358, 19.646
Yxy	89.8714, 0.3226, 0.3290
Android (android.graphics.Color)	4294963440 (0xFFFFF0F0)
YUV	244.4850, -2.2111, 9.2217
Hunter-Lab	94.8005, 0.0359, 6.8580

# Details

The XYZ color **88.1283, 89.8714, 95.1401** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.7444, 97.2628, 108.6513**, and the grayscale version is **86.3914, 90.8905, 98.9798**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.0809, 49.7474, 52.3628** is the 20% darker color. If you saturate the color by 10%, you get **77.6184, 74.4940, 74.2426**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

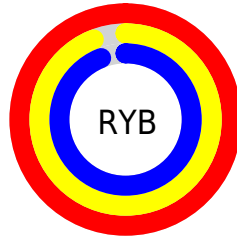
# Distribution



Red (100%)

Green (94%)

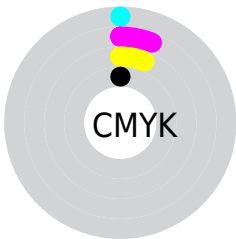
Blue (94%)



Red (100%)

Yellow (94%)

Blue (94%)

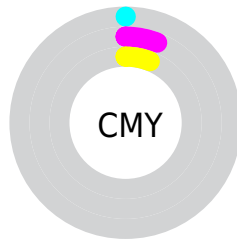


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (6%)


Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.1283, 89.8714, 95.1401 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 88.1283, 89.8714, 95.1401 by changing the saturation by 10% instead.




 88.1283, 89.8714,  
95.1401

 88.1283, 89.8714,  
95.1401


510.2524,  
527.6124, 565.6092

 66.7605, 67.8740,  
71.6541


143.6274,  
147.1597, 156.4554

 49.1600, 49.7952,  
52.3910


178.4893,  
183.2195, 195.1217

 34.9615, 35.2507,  
36.9325

218.5801,  
224.7354, 239.6852

 23.7996, 23.8561,  
24.8598

264.2649,  
272.0920, 290.5644

 15.3089, 15.2269,  
15.7546

315.9092,  
325.6736, 348.1779

 9.1242, 8.9788,  
9.1982

373.8783,

 4.8801, 4.7273,

385.8646, 412.9441

4.7721

438.5376,  
453.0494, 485.2817

■ 2.2111, 2.0882,  
2.0578

■ 0.7486, 0.6580,  
0.5905

■ 88.1283, 89.8714,  
95.1401

■ 88.1283, 89.8714,  
95.1401

■ 77.6184, 74.4940,  
74.2426

95.0500, 100.0000,  
108.9000

■ 68.6275, 61.3382,  
56.3674

■ 61.0870, 50.3045,  
41.3766

■ 54.9211, 41.2820,  
29.1189

■ 50.0468, 34.1494,  
19.4298

■ 46.3726, 28.7725,  
12.1267

■ 43.7945, 24.9996,  
7.0032

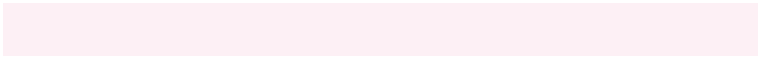
■ 42.1913, 22.6530,  
3.8179

■ 41.4124, 21.5126,  
2.2714

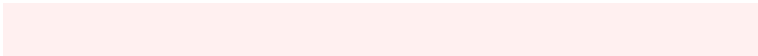
# Harmonies

## Analogous

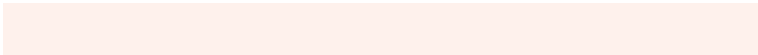
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2502, 89.8714, 99.3268



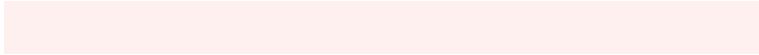
88.1283, 89.8714, 95.1401



87.2760, 89.8714, 91.7744

# Triad

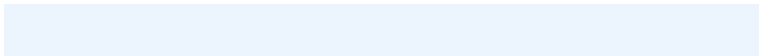
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1283, 89.8714, 95.1401



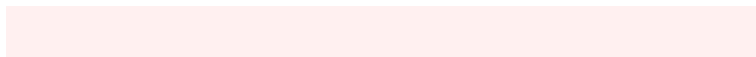
83.2697, 89.8714, 92.6717



84.9096, 89.8714, 106.0929

# Complementary

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



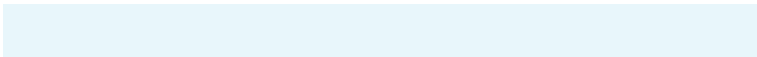
88.1283, 89.8714, 95.1401



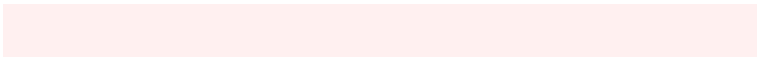
89.7444, 97.2628, 108.6513

# Split Complementary

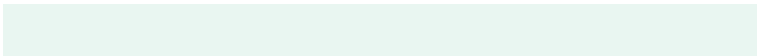
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.5906, 89.8714, 104.1978



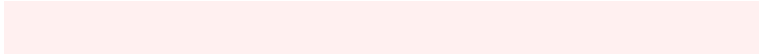
88.1283, 89.8714, 95.1401



82.6511, 89.8714, 96.3971

# Square

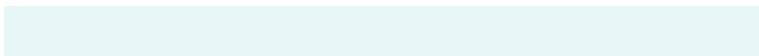
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.1283, 89.8714, 95.1401



84.4669, 89.8714, 90.3780



82.7679, 89.8714, 100.6204

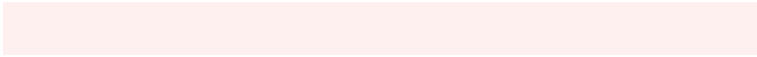


86.3804, 89.8714, 105.7327

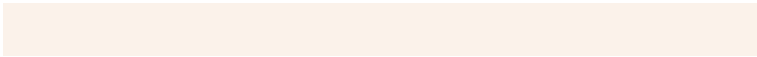


# Rectangle

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



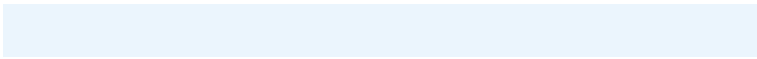
88.1283, 89.8714, 95.1401



86.4137, 89.8714, 90.4107



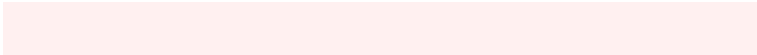
82.7679, 89.8714, 100.6204



84.4341, 89.8714, 105.6964

# Sweetspot

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



88.1302, 89.8750, 95.1420



92.6346, 96.4658, 104.0977



90.4506, 90.8011, 107.3669



19.8529, 20.6847, 22.3315



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

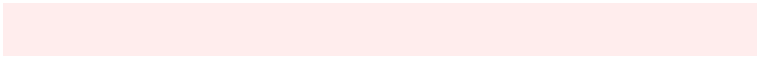


# Same Dimension

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



88.1302, 89.8750, 95.1420



86.8771, 88.0414, 92.6505



90.3826, 94.3796, 95.8928



18.4523, 18.6352, 19.5467



21.5494, 11.1100, 1.0087



2.0983, 1.0820, 0.0983



# Inverse Universe

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



89.7444, 97.2628, 108.6513



88.7835, 96.7671, 108.6063



87.3999, 92.5738, 107.8698



18.8937, 20.6556, 23.2411



28.1050, 41.1196, 55.8902

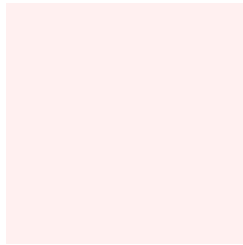


2.7366, 4.0039, 5.4419



# Previews

## White Background



This preview shows how the XYZ color 88.1283, 89.8714, 95.1401 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

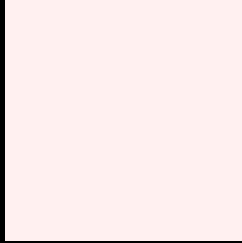
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.1283, 89.8714, 95.1401 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 88.1283, 89.8714, 95.1401

## Background



This preview shows how black text looks on a background with the XYZ color 88.1283, 89.8714, 95.1401.



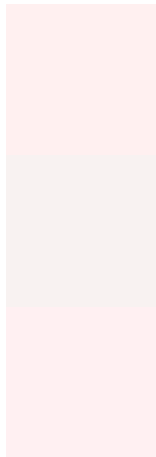
This preview shows how white text looks on a background with the XYZ color 88.1283, 89.8714,

95.1401.

# 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

88.1283, 89.8714, 95.1401

### Protanopia

86.3407, 89.8116, 96.0038

### Deuteranopia

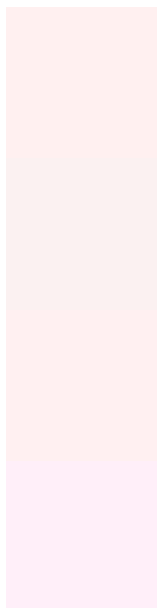
88.4271, 89.9910, 96.7138



## Tritanopia

89.9959, 90.1488, 106.4231

# Trichromacy



## Original Color

88.1283, 89.8714, 95.1401

## Protanomaly

87.1161, 89.7707, 95.9551

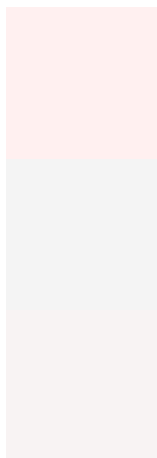
## Deuteranomaly

88.2773, 89.9311, 95.9248

## Tritanomaly

89.2054, 89.8326, 102.2603

# Monochromacy



## Original Color

88.1283, 89.8714, 95.1401

## Achromatopsia

85.9880, 90.4661, 98.5176

## Achromatomaly

86.9397, 90.5287, 97.6856

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.1283, 89.8714, 95.1401 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, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 240)  
}
```

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, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 240) }
```

## Border

The CSS property to change the border of an element to XYZ 88.1283, 89.8714, 95.1401 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, 240, 240) }
```



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

```
.border{ border-color:rgb(255, 240, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
240) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.1283, 89.8714, 95.1401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 240) }
```

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

```
.background{ background-color: rgb(255,  
240, 240) }
```

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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