

# Converting Colors

XYZ(89.3357, 92.4434, 95.9620)

Have a look what the booklet for  
XYZ(89.3357, 92.4434, 95.9620)  
contains.

<b>XYZ(89.1009, 92.1231, 96.3045)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# **Color**

**XYZ(89.1009, 92.1231,  
96.3045)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEF4F1
RGB	254, 244, 241
RGB Percent	100%, 96%, 95%
CMY	0.0039, 0.0431, 0.0549
CMYK	0.00, 0.04, 0.05, 0.00
HSL	14°, 87%, 97%
HSV	14°, 5%, 100%
XYZ	89.1009, 92.1231, 96.3045
YIQ	246.6480, 6.9230, 1.1870

# Conversions

## Conversions Part 2

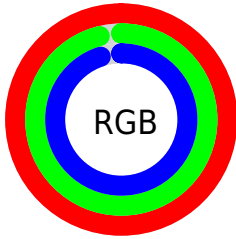
Format	Color
<a href="#">RYB</a>	<a href="#">254, 245, 241</a>
Decimal	<a href="#">16708849</a>
CIELab	<a href="#">96.87, 2.84, 2.62</a>
CIELCh	<a href="#">97, 3.864, 42.759</a>
Yxy	<a href="#">92.1231, 0.3211, 0.3319</a>
Android (android.graphics.Color)	<a href="#">4294898929</a> ( <a href="#">0xFFFEF4F1</a> )
YUV	<a href="#">246.6480, -2.7845, 6.4477</a>
Hunter-Lab	<a href="#">95.9808, -2.2612, 7.6966</a>

# Details

The XYZ color 89.1009, 92.1231, 96.3045 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.6620, 94.8493, 107.4017, and the grayscale version is 88.1424, 92.7327, 100.9859.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.7661, 51.3395, 53.1855 is the 20% darker color. If you saturate the color by 10%, you get 80.0006, 79.5761, 75.8393, and if you desaturate by 10%, it is 94.6835, 99.8111, 108.8828.

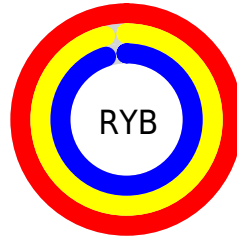
# Distribution



Red (100%)

Green (96%)

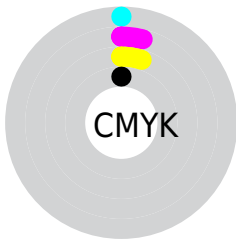
Blue (95%)



Red (100%)

Yellow (96%)

Blue (95%)

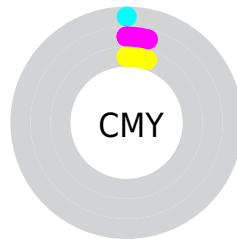


Cyan (0%)

Magenta (4%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (4%)


Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 89.1009, 92.1231, 96.3045 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 89.1009, 92.1231, 96.3045 by changing the saturation by 10% instead.




 89.1009, 92.1231,  
96.3045

 89.1009, 92.1231,  
96.3045


513.3834,  
534.9133, 569.4235

 67.5690, 69.7429,  
72.6183

144.9736,  
150.2840, 158.0766

 49.8196, 51.3169,  
53.1740


180.0451,  
186.8335, 196.9997

 35.4873, 36.4609,  
37.5530

220.3604,  
228.8748, 241.8387

 24.2067, 24.7904,  
25.3368

266.2851,  
276.7924, 293.0124

 15.6126, 15.9209,  
16.1069

318.1843,  
330.9706, 350.9391

 9.3395, 9.4682,  
9.4446

376.4236,

 5.0222, 5.0478,

391.7939, 416.0376

4.9316

441.3681,  
459.6467, 488.7262

■ 2.2952, 2.2754,  
2.1491

■ 0.7922, 0.7606,  
0.6448

■ 89.1009, 92.1231,  
96.3045

■ 89.1009, 92.1231,  
96.3045

■ 80.0006, 79.5761,  
75.8393

94.6835, 99.8111,  
108.8828

■ 72.0084, 68.4347,  
58.2447

■ 65.0833, 58.6531,  
43.3935

■ 59.1788, 50.1784,  
31.1464

■ 54.2449, 42.9542,  
21.3519

■ 50.2271, 36.9200,  
13.8426

■ 47.0652, 32.0099,  
8.4300

■ 44.6909, 28.1512,  
4.8952

■ 43.0239, 25.2618,  
2.9692

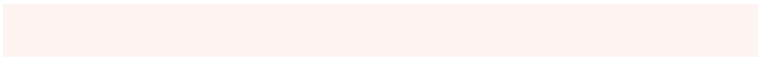
# Harmonies

## Analogous

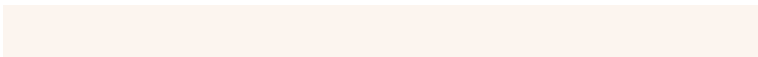
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.6107, 92.1231, 98.9926



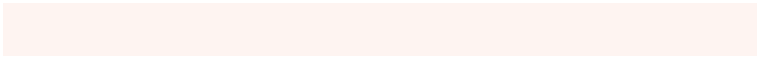
89.1009, 92.1231, 96.3045



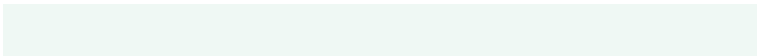
88.1800, 92.1231, 94.7077

# Triad

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



89.1009, 92.1231, 96.3045



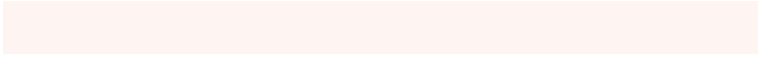
85.5829, 92.1231, 98.5460



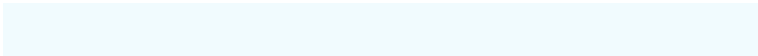
88.0218, 92.1231, 106.2471

# Complementary

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



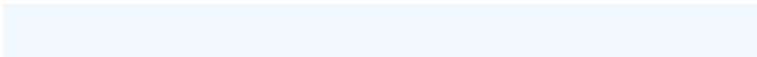
89.1009, 92.1231, 96.3045



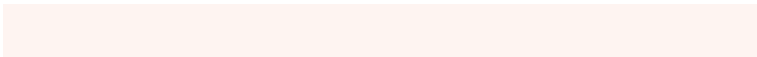
88.6620, 94.8493, 107.4017

# 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.



86.9434, 92.1231, 106.1215



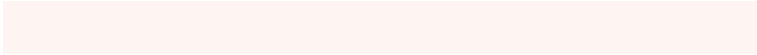
89.1009, 92.1231, 96.3045



85.5413, 92.1231, 101.6317

# Square

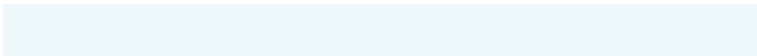
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



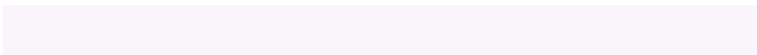
89.1009, 92.1231, 96.3045



86.1515, 92.1231, 95.9833



86.0374, 92.1231, 104.4176

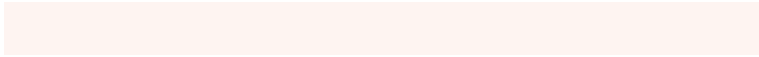


88.9842, 92.1231, 104.7574



# Rectangle

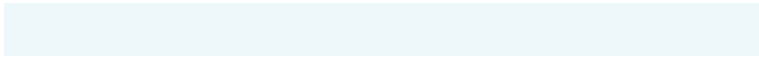
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.1009, 92.1231, 96.3045



87.4599, 92.1231, 94.4562



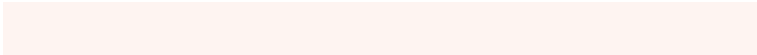
86.0374, 92.1231, 104.4176



87.6607, 92.1231, 106.3933

# Sweetspot

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



89.1035, 92.1271, 96.3065



93.0014, 97.1994, 104.2199



89.7710, 90.9594, 104.2450



19.9276, 20.8341, 22.3564



0.0000, 0.0000, 0.0000

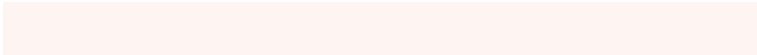


20.3446, 21.4041, 23.3091

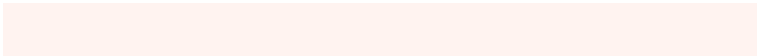


# Same Dimension

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



89.1035, 92.1271, 96.3065



89.0449, 91.7760, 95.2260



91.0355, 95.9911, 96.9505



18.9248, 19.4591, 20.0778



22.4570, 12.9252, 1.3112



2.2652, 1.4158, 0.1539

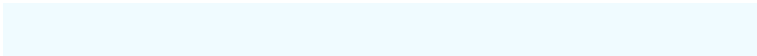


# Inverse Universe

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



88.6620, 94.8493, 107.4017



88.5257, 94.9774, 108.2744



86.7230, 90.9712, 106.7554



18.8021, 20.2155, 23.1610



19.8728, 24.6552, 53.1461

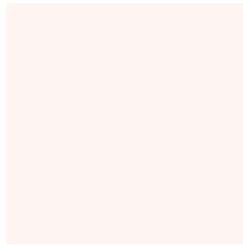


2.0173, 2.5653, 5.2021



# Previews

## White Background



This preview shows how the XYZ color 89.1009, 92.1231, 96.3045 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

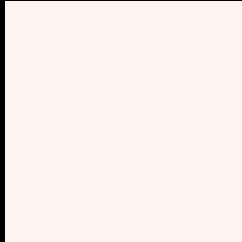
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 89.1009, 92.1231, 96.3045 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

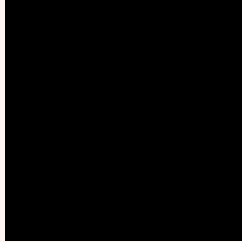
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

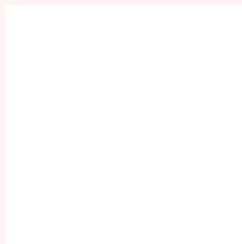
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 89.1009, 92.1231, 96.3045

## Background



This preview shows how black text looks on a background with the XYZ color 89.1009, 92.1231, 96.3045.



This preview shows how white text looks on a background with the XYZ color 89.1009, 92.1231,



# 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**

89.1009, 92.1231, 96.3045

**Protanopia**

88.3133, 92.1649, 96.3541

**Deuteranopia**

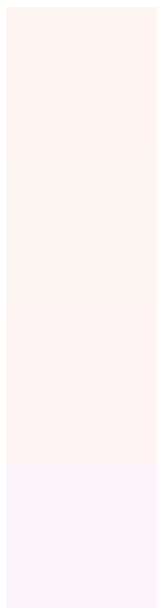
89.7720, 91.9538, 99.4036



## Tritanopia

90.6086, 92.2038, 107.6293

# Trichromacy



## Original Color

89.1009, 92.1231, 96.3045

## Protanomaly

88.6745, 92.3511, 96.3710

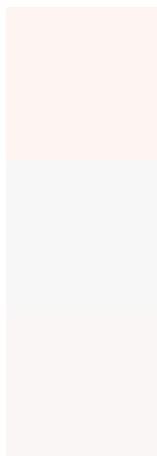
## Deuteranomaly

89.6197, 91.8928, 98.6016

## Tritanomaly

89.8139, 91.8860, 103.4445

# Monochromacy



## Original Color

89.1009, 92.1231, 96.3045

## Achromatopsia

88.4070, 93.0111, 101.2891

## Achromatomaly

88.8615, 92.8281, 99.6203

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 89.1009, 92.1231, 96.3045 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(254, 244, 241) looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 241)  
}
```

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(254, 244, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 241) }
```

## Border

The CSS property to change the border of an element to XYZ 89.1009, 92.1231, 96.3045 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(254, 244, 241) }
```



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

```
.border{ border-color:rgb(254, 244, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 244, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
241) }
```

# Background

The CSS property to change the background color of an element to XYZ 89.1009, 92.1231, 96.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 244, 241) }
```

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

```
.background{ background-color: rgb(254,  
244, 241) }
```

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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