

# Converting Colors

XYZ(84.3588, 88.6765, 95.8294)

Have a look what the booklet for  
XYZ(84.3588, 88.6765, 95.8294)  
contains.

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# **Color**

**XYZ(84.5915, 88.9098,  
95.9220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3F2F1
RGB	243, 242, 241
RGB Percent	95%, 95%, 95%
CMY	0.0471, 0.0510, 0.0549
CMYK	0.00, 0.00, 0.01, 0.05
HSL	30°, 8%, 95%
HSV	30°, 1%, 95%
XYZ	84.5915, 88.9098, 95.9220
YIQ	242.1850, 0.9170, -0.0990

# Conversions

## Conversions Part 2

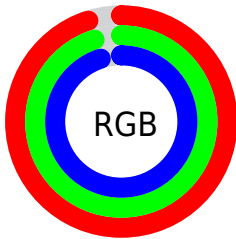
Format	Color
<a href="#">RYB</a>	<a href="#">243, 243, 241</a>
Decimal	<a href="#">15987441</a>
CIELab	<a href="#">95.54, 0.16, 0.59</a>
CIElCh	<a href="#">96, 0.610, 74.612</a>
Yxy	<a href="#">88.9098, 0.3140, 0.3300</a>
Android (android.graphics.Color)	<a href="#">4294177521</a> ( <a href="#">0xFFFF3F2F1</a> )
YUV	<a href="#">242.1850, -0.5842, 0.7148</a>
Hunter-Lab	<a href="#">94.2920, -4.8746, 5.6895</a>

# Details

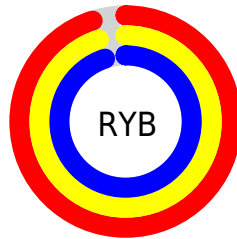
The XYZ color **84.5915, 88.9098, 95.9220** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.2056, 88.6752, 97.4733**, and the grayscale version is **84.5507, 88.9539, 96.8708**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8094, 49.1854, 52.9256** is the 20% darker color. If you saturate the color by 10%, you get **77.7184, 80.5894, 76.9014**, and if you desaturate by 10%, it is **90.4887, 97.2269, 108.6051**.

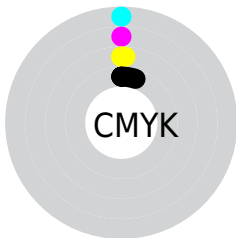
# Distribution



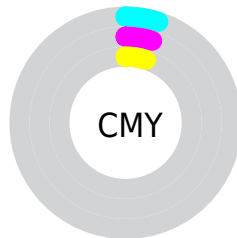
- Red (95%)
- Green (95%)
- Blue (95%)



- Red (95%)
- Yellow (95%)
- Blue (95%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 84.5915, 88.9098, 95.9220 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 84.5915, 88.9098, 95.9220 by changing the saturation by 10% instead.



84.5915, 88.9098,  
95.9220

84.5915, 88.9098,  
95.9220

498.7794,  
524.4781, 568.1720

63.8253, 67.0768,  
72.3015

138.7193,  
145.8231, 157.5443

46.7703, 49.1470,  
52.9166

172.8115,  
181.6722, 196.3831

33.0613, 34.7361,  
37.3490

212.0765,  
222.9622, 241.1318

22.3329, 23.4597,  
25.1799

256.8795,  
270.0773, 292.2089

14.2197, 14.9333,  
15.9909

307.5860,  
323.4021, 350.0329

8.3563, 8.7726,  
9.3634

364.5612,

4.3775, 4.5931,

383.3209, 415.0224

4.8789

428.1706,  
450.2181, 487.5960

■ 1.9178, 2.0106,  
2.1189

■ 0.5872, 0.6136,  
0.6270

■ 84.5915, 88.9098,  
95.9220

■ 84.5915, 88.9098,  
95.9220

■ 77.7184, 80.5894,  
76.9014

■ 90.4887, 97.2269,  
108.6051

■ 71.5418, 72.9188,  
60.4068

■ 90.7727, 97.7950,  
108.6998

■ 66.0393, 65.8843,  
46.3316

■ 61.1841, 59.4676,  
34.5596

■ 56.9477, 53.6490,  
24.9647

■ 53.2990, 48.4079,  
17.4089

■ 50.2035, 43.7218,  
11.7377

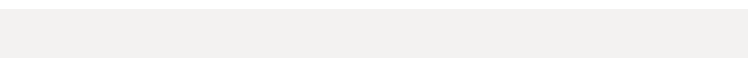
■ 47.6224, 39.5663,  
7.7743

■ 45.5102, 35.9136,  
5.3077

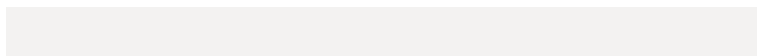
# Harmonies

## Analogous

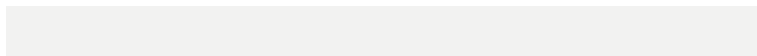
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7353, 88.9098, 96.1620



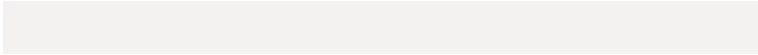
84.5915, 88.9098, 95.9220



84.4250, 88.9098, 95.9188

# Triad

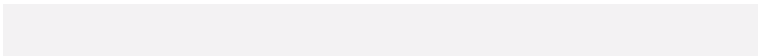
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5915, 88.9098, 95.9220



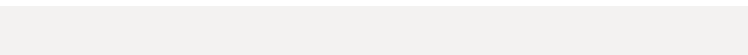
84.1952, 88.9098, 97.0403



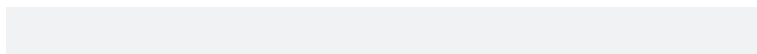
84.7322, 88.9098, 97.4651

# Complementary

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



84.5915, 88.9098, 95.9220



84.2056, 88.6752, 97.4733

# 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.



84.5873, 88.9098, 97.7020



84.5915, 88.9098, 95.9220



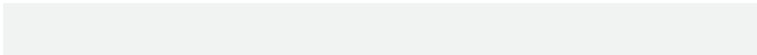
84.2773, 88.9098, 97.4562

# Square

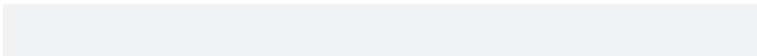
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



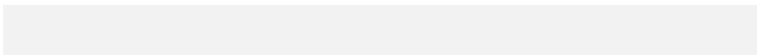
84.5915, 88.9098, 95.9220



84.1963, 88.9098, 96.5634



84.4208, 88.9098, 97.6987

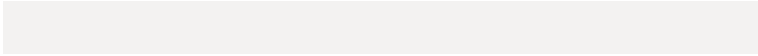


84.8167, 88.9098, 97.0524



# Rectangle

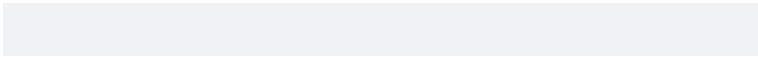
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



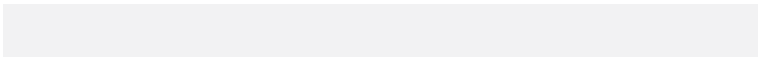
84.5915, 88.9098, 95.9220



84.3235, 88.9098, 96.0513



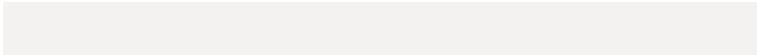
84.4208, 88.9098, 97.6987



84.6890, 88.9098, 97.5680

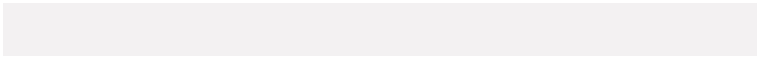
# Sweetspot

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



84.5940, 88.9136, 95.9239

95.0500, 100.0000, 108.9000



84.4458, 88.3775, 96.6136



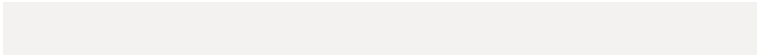
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

# Same Dimension

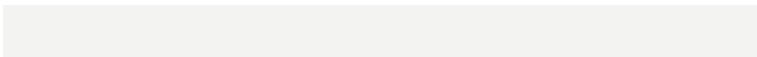
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5940, 88.9136, 95.9239



94.2383, 99.0293, 106.6175



84.8913, 89.5082, 96.0230



18.4786, 19.4193, 20.9202



24.2397, 18.3649, 2.2672

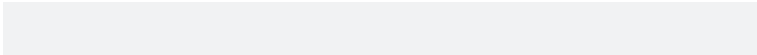


2.2332, 1.8197, 0.2335



# Inverse Universe

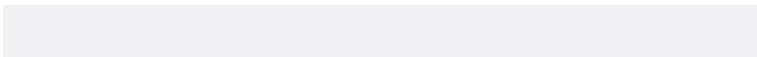
The Inverse Universe completely reimagines the original color for something new.



84.2056, 88.6752, 97.4733



93.7111, 98.7056, 108.7207



83.9100, 88.0839, 97.3747



18.3808, 19.3592, 21.3105



12.7674, 11.3286, 48.0518

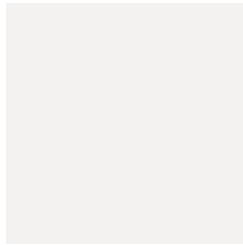


1.2249, 1.2011, 4.2575



# Previews

## White Background



This preview shows how the XYZ color 84.5915, 88.9098, 95.9220 looks on a white background.

## Color Contrast Check

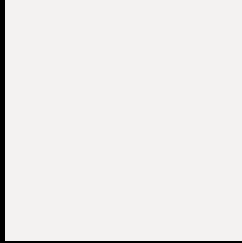
Large Text (above 18pt) WCAG AA × Fail

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 84.5915, 88.9098, 95.9220 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

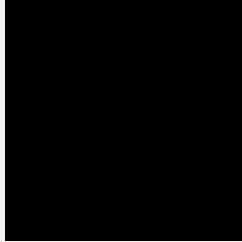
Any Text WCAG AAA ✓ Pass

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

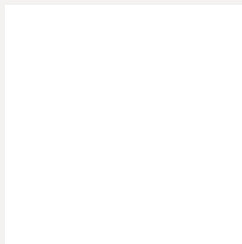


# XYZ 84.5915, 88.9098, 95.9220

## Background



This preview shows how black text looks on a background with the XYZ color 84.5915, 88.9098, 95.9220.



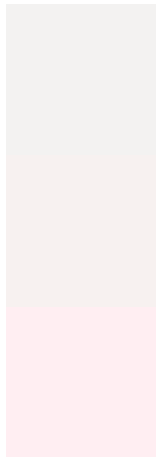
This preview shows how white text looks on a background with the XYZ color 84.5915, 88.9098,

95.9 20.

# 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

84.5915, 88.9098, 95.9220

### Protanopia

85.5412, 88.9760, 95.1037

### Deuteranopia

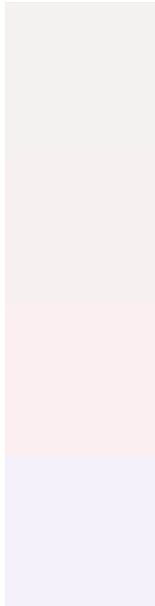
87.8415, 88.8199, 96.5186



## Tritanopia

86.8663, 88.9527, 107.1990

# Trichromacy



## Original Color

84.5915, 88.9098, 95.9220

## Protanomaly

85.1895, 88.7947, 95.0872

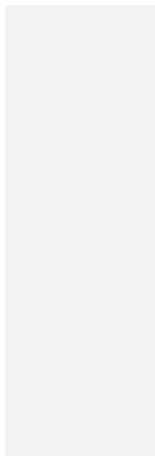
## Deuteranomaly

86.6772, 88.6530, 96.5478

## Tritanomaly

86.0188, 89.0458, 103.0964

# Monochromacy



## Original Color

84.5915, 88.9098, 95.9220

## Achromatopsia

84.3971, 88.7923, 96.6948

## Achromatomaly

84.3971, 88.7923, 96.6948

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 84.5915, 88.9098, 95.9220 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(243, 242, 241) looks like.

```
.text, #text, p{  
    color:rgb(243, 242, 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(243, 242, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 242, 241) }
```

## Border

The CSS property to change the border of an element to XYZ 84.5915, 88.9098, 95.9220 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(243, 242, 241) }
```

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

```
.border{ border-color:rgb(243, 242, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 242, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 242, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 242, 241);  
box-shadow:4px 4px 4px 4px rgb(243, 242,  
241) }
```



# Background

The CSS property to change the background color of an element to XYZ 84.5915, 88.9098, 95.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 242, 241) }
```

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

```
.background{ background-color: rgb(243,  
242, 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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