

# Converting Colors

XYZ(84.8859, 89.4877, 95.8081)

Have a look what the booklet for  
XYZ(84.8859, 89.4877, 95.8081)  
contains.

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# **Color**

**XYZ(84.8899, 89.5067,  
96.0214)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | F3F3F1                    |
| RGB         | 243, 243, 241             |
| RGB Percent | 95%, 95%, 95%             |
| CMY         | 0.0471, 0.0470, 0.0549    |
| CMYK        | 0.00, 0.00, 0.01, 0.05    |
| HSL         | 60°, 8%, 95%              |
| HSV         | 60°, 1%, 95%              |
| XYZ         | 84.8899, 89.5067, 96.0214 |
| YIQ         | 242.7720, 0.6420, -0.6220 |

# Conversions

## Conversions Part 2

| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 241, 243, 241                |
| Decimal                             | 15987697                     |
| CIE <sub>Lab</sub>                  | 95.79, -0.35, 0.95           |
| CIE <sub>LCh</sub>                  | 96, 1.013, 110.024           |
| Yxy                                 | 89.5067, 0.3139,<br>0.3310   |
| Android<br>(android.graphics.Color) | 4294177777<br>(0xFFFF3F3F1)  |
| YUV                                 | 242.7720, -0.8736,<br>0.2000 |
| Hunter-Lab                          | 94.6080, -5.3994,<br>6.0498  |

# Details

The XYZ color **84.8899, 89.5067, 96.0214** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.9119, 88.0848, 97.3780**, and the grayscale version is **85.0187, 89.4463, 97.4070**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0208, 49.6082, 52.9960** is the 20% darker color. If you saturate the color by 10%, you get **81.4831, 88.1448, 78.1610**, and if you desaturate by 10%, it is **87.0825, 90.3886, 107.4647**.

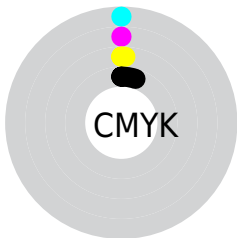
# Distribution



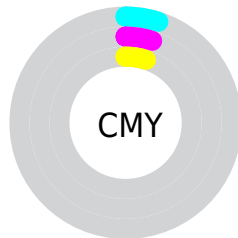
- Red (95%)
- Green (95%)
- Blue (95%)



- 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 84.8899, 89.5067, 96.0214 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 84.8899, 89.5067, 96.0214 by changing the saturation by 10% instead.



84.8899, 89.5067,  
96.0214

84.8899, 89.5067,  
96.0214

499.7528,  
526.4249, 568.4974

64.0726, 67.5716,  
72.3838

139.1342,  
146.6530, 157.6827

46.9714, 49.5493,  
52.9835

173.2918,  
182.6329, 196.5434

33.2209, 35.0554,  
37.4020

212.6270,  
224.0633, 241.3156

22.4558, 23.7056,  
25.2206

257.5050,  
271.3284, 292.4178

14.3106, 15.1153,  
16.0210

308.2913,  
324.8128, 350.2685

8.4202, 8.9004,  
9.3845

365.3511,

4.4190, 4.6763,

384.9007, 415.2863

4.8926

429.0498,  
451.9766, 487.8898

■ 1.9418, 2.0586,  
2.1267

■ 0.6010, 0.6412,  
0.6316

■ 84.8899, 89.5067,  
96.0214

■ 84.8899, 89.5067,  
96.0214

■ 81.4831, 88.1448,  
78.1610

■ 87.0825, 90.3886,  
107.4647

■ 78.5390, 86.9651,  
62.7487


■ 87.0999, 90.3976,  
107.4656


■ 76.0398, 85.9635,  
49.6795


■ 87.1174, 90.4066,  
107.4664


■ 73.9639, 85.1311,  
38.8389


■ 87.1349, 90.4156,  
107.4672


 72.2876, 84.4585,  
30.1024


 87.1523, 90.4246,  
107.4680


 70.9849, 83.9355,  
23.3336


 87.1698, 90.4336,  
107.4688


 70.0270, 83.5503,  
18.3800

 87.1873, 90.4426,  
107.4697

 69.3805, 83.2897,  
15.0667

 87.2048, 90.4517,  
107.4705

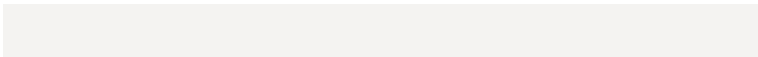
 69.0058, 83.1378,  
13.1843

 87.2223, 90.4607,  
107.4713

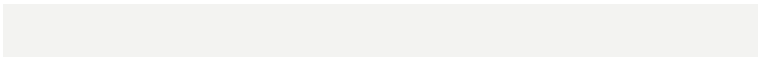
# Harmonies

## Analogous

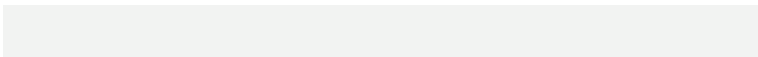
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1664, 89.5067, 95.9525



84.8899, 89.5067, 96.0214



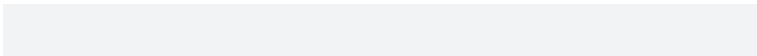
84.6631, 89.5067, 96.4740

# Triad

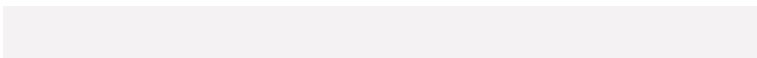
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8899, 89.5067, 96.0214



84.7293, 89.5067, 98.6395



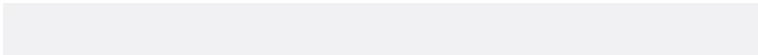
85.6028, 89.5067, 97.7239

# Complementary

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



84.8899, 89.5067, 96.0214



83.9119, 88.0848, 97.3780

# 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.



85.4851, 89.5067, 98.4478



84.8899, 89.5067, 96.0214



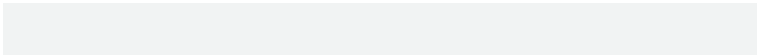
84.9805, 89.5067, 98.9784

# Square

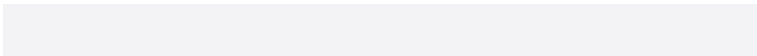
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



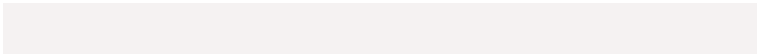
84.8899, 89.5067, 96.0214



84.5705, 89.5067, 97.9845



85.2572, 89.5067, 98.9080



85.5784, 89.5067, 96.9325

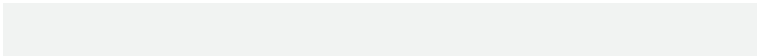


# Rectangle

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



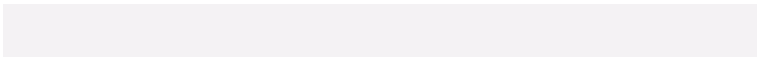
84.8899, 89.5067, 96.0214



84.5703, 89.5067, 96.9337



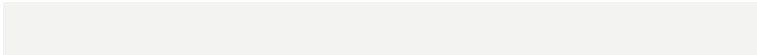
85.2572, 89.5067, 98.9080



85.5785, 89.5067, 97.9833

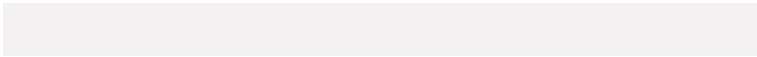
# Sweetspot

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



84.8924, 89.5106, 96.0233

95.0500, 100.0000, 108.9000



84.2974, 88.3183, 95.8246



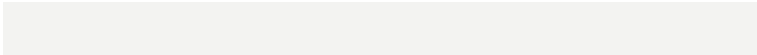
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

# Same Dimension

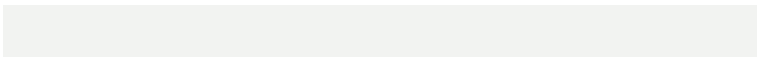
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8924, 89.5106, 96.0233



94.6402, 99.8358, 106.7520



84.5490, 89.3335, 96.0073



18.5532, 19.5690, 20.9451



37.7826, 45.5904, 6.8085

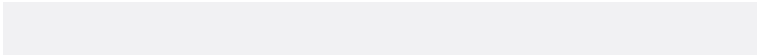


3.3218, 4.0075, 0.5984



# Inverse Universe

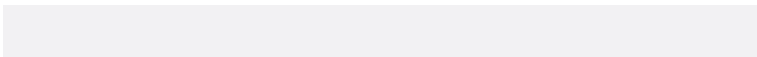
The Inverse Universe completely reimagines the original color for something new.



83.9119, 88.0848, 97.3780



93.3119, 97.9043, 108.5871



84.2535, 88.2609, 97.3940



18.3067, 19.2105, 21.2857



8.8837, 3.5541, 46.7558

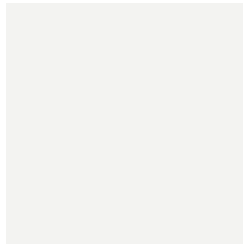


0.7819, 0.3129, 4.1094



# Previews

## White Background



This preview shows how the XYZ color 84.8899, 89.5067, 96.0214 looks on a white background.

## Color Contrast Check

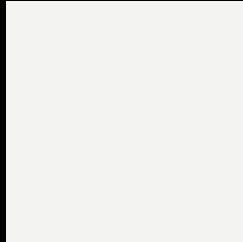
Large Text (above 18pt) WCAG AA × Fail

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 84.8899, 89.5067, 96.0214 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

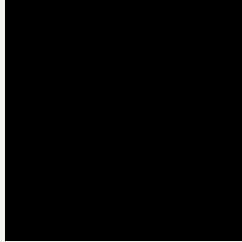
Any Text WCAG AAA ✓ Pass

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

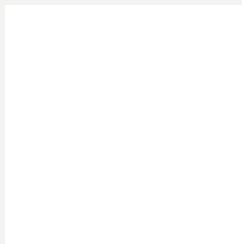


# XYZ 84.8899, 89.5067, 96.0214

## Background



This preview shows how black text looks on a background with the XYZ color 84.8899, 89.5067, 96.0214.



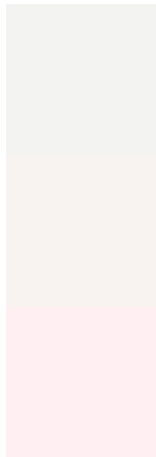
This preview shows how white text looks on a background with the XYZ color 84.8899, 89.5067,

96.014.

# 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

84.8899, 89.5067, 96.0214

### Protanopia

86.1917, 89.7520, 95.2192

### Deuteranopia

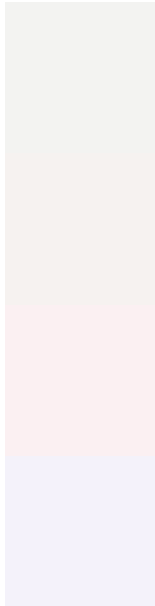
88.2842, 89.4641, 97.4092



## Tritanopia

87.1615, 89.5431, 107.2974

# Trichromacy



## Original Color

84.8899, 89.5067, 96.0214

## Protanomaly

85.4863, 89.3884, 95.1861

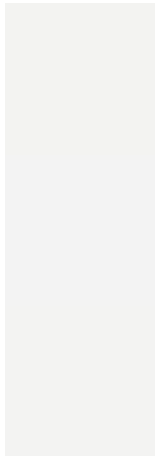
## Deuteranomaly

86.9708, 89.2402, 96.6456

## Tritanomaly

86.3157, 89.6395, 103.1953

# Monochromacy



## Original Color

84.8899, 89.5067, 96.0214

## Achromatopsia

85.1904, 89.6269, 97.6037

## Achromatomaly

85.0398, 89.5667, 96.8104

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 84.8899, 89.5067, 96.0214 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, 243, 241) looks like.

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

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

## Border

The CSS property to change the border of an element to XYZ 84.8899, 89.5067, 96.0214 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, 243, 241) }
```

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

```
.border{ border-color:rgb(243, 243, 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, 243, 241)` colored shadow looks like.

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



# Background

The CSS property to change the background color of an element to XYZ 84.8899, 89.5067, 96.0214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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