

Converting Colors

XYZ(85.9114, 89.1854, 94.9576)

Have a look what the booklet for
XYZ(85.9114, 89.1854, 94.9576)
contains.

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Color

**XYZ(85.8949, 89.1583,
95.1202)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F1F0
RGB	248, 241, 240
RGB Percent	97%, 95%, 94%
CMY	0.0274, 0.0549, 0.0588
CMYK	0.00, 0.03, 0.03, 0.03
HSL	8°, 36%, 96%
HSV	8°, 3%, 97%
XYZ	85.8949, 89.1583, 95.1202
YIQ	242.9790, 4.4930, 1.1730

Conversions

Conversions Part 2

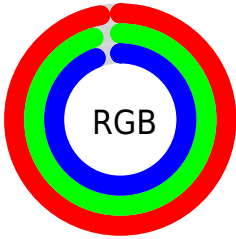
Format	Color
RYB	248, 241, 240
Decimal	16314864
CIELab	95.65, 2.17, 1.30
CIELCh	96, 2.533, 30.959
Yxy	89.1583, 0.3179, 0.3300
Android (android.graphics.Color)	4294504944 (0xFFFF8F1F0)
YUV	242.9790, -1.4686, 4.4034
Hunter-Lab	94.4237, -2.8644, 6.3692

Details

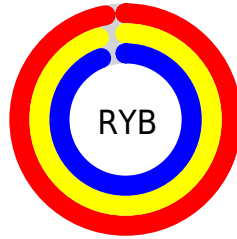
The XYZ color **85.8949, 89.1583, 95.1202** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.1393, 91.8229, 101.9918**, and the grayscale version is **85.1857, 89.6220, 97.5984**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7389, 49.3651, 52.3597** is the 20% darker color. If you saturate the color by 10%, you get **76.4183, 75.7028, 75.0103**, and if you desaturate by 10%, it is **92.5220, 98.6967, 108.7817**.

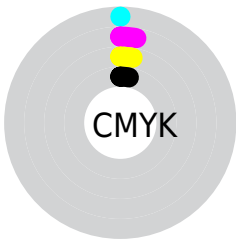
Distribution



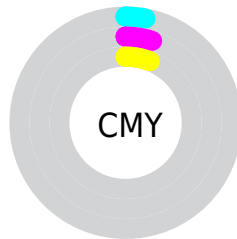
- Red (97%)
- Green (95%)
- Blue (94%)



- Red (97%)
- Yellow (95%)
- Blue (94%)



- Cyan (0%)
- Magenta (3%)
- Yellow (3%)
- Black (3%)





- Cyan (3%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.8949, 89.1583, 95.1202 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 85.8949, 89.1583, 95.1202 by changing the saturation by 10% instead.


 85.8949, 89.1583,
95.1202

 85.8949, 89.1583,
95.1202


503.0238,
525.2890, 565.5439

 64.9060, 67.2828,
71.6376


140.5304,
146.1687, 156.4277

 47.6493, 49.3144,
52.3776


174.9078,
182.0723, 195.0896

 33.7594, 34.8690,
36.9219


214.4787,
223.4208, 239.6484

 22.8708, 23.5620,
24.8517

259.6085,
270.5984, 290.5225

 14.6183, 15.0090,
15.7486

310.6625,
323.9897, 348.1306

 8.6365, 8.8257,
9.1940

368.0062,

 4.5601, 4.6277,

383.9789, 412.8912

4.7694

432.0048,
450.9506, 485.2228

■ 2.0236, 2.0305,
2.0562

■ 0.6472, 0.6251,
0.5895

■ 85.8949, 89.1583,
95.1202

■ 85.8949, 89.1583,
95.1202

■ 76.4183, 75.7028,
75.0103

■ 92.5220, 98.6967,
108.7817

■ 68.1601, 63.9118,
57.6893

■ 61.0727, 53.7240,
43.0358

■ 55.1029, 45.0699,
30.9169

■ 50.1931, 37.8751,
21.1884

■ 46.2805, 32.0587,
13.6917

■ 43.2958, 27.5321,
8.2487

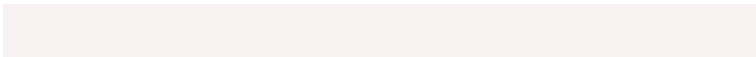
■ 41.1602, 24.1960,
4.6541

■ 39.7816, 21.9366,
2.6596

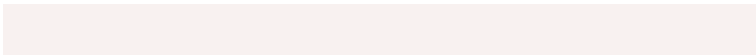
Harmonies

Analogous

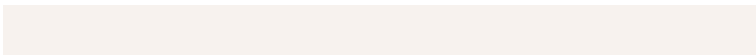
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.0872, 89.1583, 97.0141



85.8949, 89.1583, 95.1202



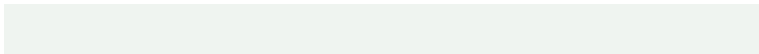
85.3935, 89.1583, 93.7663

Triad

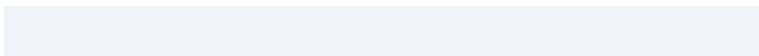
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8949, 89.1583, 95.1202



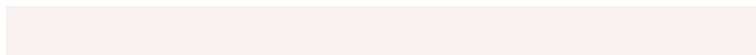
83.5778, 89.1583, 95.2299



84.7647, 89.1583, 100.9604

Complementary

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



85.8949, 89.1583, 95.1202



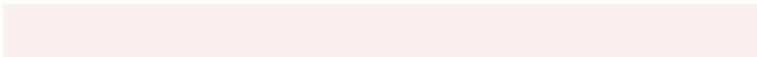
86.1393, 91.8229, 101.9918

Split Complementary

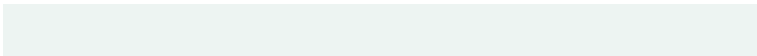
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.0944, 89.1583, 100.4672



85.8949, 89.1583, 95.1202



83.4115, 89.1583, 97.1424

Square

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



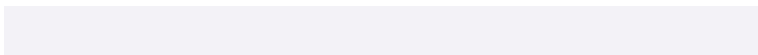
85.8949, 89.1583, 95.1202



84.0558, 89.1583, 93.8290



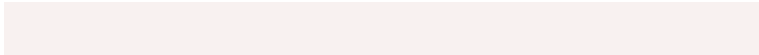
83.6000, 89.1583, 99.0630



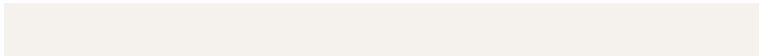
85.4325, 89.1583, 100.4016

Rectangle

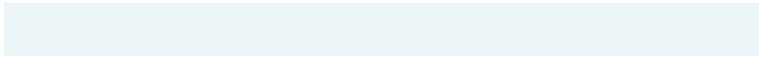
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.8949, 89.1583, 95.1202



84.9527, 89.1583, 93.3427



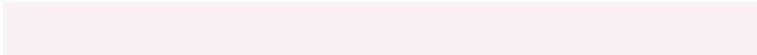
83.6000, 89.1583, 99.0630



84.5322, 89.1583, 100.9121

Sweetspot

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



85.8974, 89.1622, 95.1221



93.9348, 98.4223, 106.5163



86.6716, 88.9975, 100.6611



20.1177, 21.0831, 22.8240



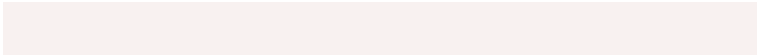
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



85.8974, 89.1622, 95.1221



90.6711, 93.8007, 99.5527



87.0731, 91.5136, 95.5140



18.4170, 18.9908, 20.0541



21.2321, 11.4209, 1.0854



2.0202, 1.1652, 0.1184

Inverse Universe

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



86.1393, 91.8229, 101.9918



90.9894, 97.3024, 108.5933



84.9503, 89.4451, 101.5955



18.4939, 19.8372, 22.2395



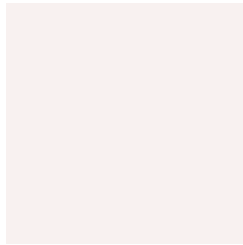
22.6106, 30.5767, 52.6837



2.1446, 2.9328, 4.8962

Previews

White Background



This preview shows how the XYZ color 85.8949, 89.1583, 95.1202 looks on a white background.

Color Contrast Check

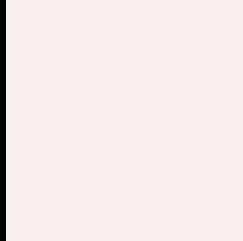
Large Text (above 18pt) WCAG AA × Fail

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 85.8949, 89.1583, 95.1202 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

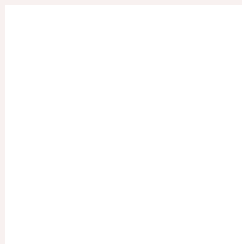
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.8949, 89.1583, 95.1202

Background



This preview shows how black text looks on a background with the XYZ color 85.8949, 89.1583, 95.1202.

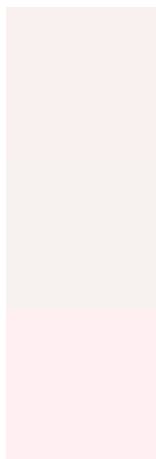


This preview shows how white text looks on a background with the XYZ color 85.8949, 89.1583,

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

85.8949, 89.1583, 95.1202

Protanopia

85.5412, 88.9760, 95.1037

Deuteranopia

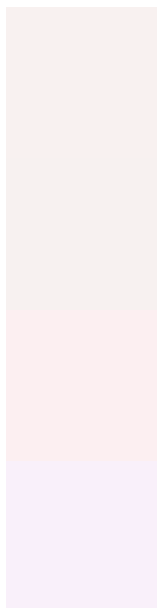
87.8415, 88.8199, 96.5186



Tritanopia

87.9834, 89.0927, 107.1671

Trichromacy



Original Color

85.8949, 89.1583, 95.1202

Protanomaly

85.5412, 88.9760, 95.1037

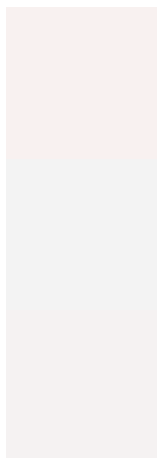
Deuteranomaly

86.8886, 88.7793, 95.7757

Tritanomaly

87.4823, 89.3620, 103.0803

Monochromacy



Original Color

85.8949, 89.1583, 95.1202

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.4353, 89.3275, 96.7434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8949, 89.1583, 95.1202 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(248, 241, 240) looks like.

```
.text, #text, p{  
    color:rgb(248, 241, 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(248, 241, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 241, 240) }
```

Border

The CSS property to change the border of an element to XYZ 85.8949, 89.1583, 95.1202 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(248, 241, 240) }
```


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

```
.border{ border-color:rgb(248, 241, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 241, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 241, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 241, 240);  
box-shadow:4px 4px 4px 4px rgb(248, 241,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8949, 89.1583, 95.1202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 241, 240) }
```

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

```
.background{ background-color: rgb(248,  
241, 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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