

Converting Colors

XYZ(85.3549, 89.1197, 96.8030)

Have a look what the booklet for
XYZ(85.3549, 89.1197, 96.8030)
contains.

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Color

**XYZ(85.4353, 89.3275,
96.7434)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F2F2
RGB	245, 242, 242
RGB Percent	96%, 95%, 95%
CMY	0.0392, 0.0510, 0.0510
CMYK	0.00, 0.01, 0.01, 0.04
HSL	0°, 13%, 95%
HSV	0°, 1%, 96%
XYZ	85.4353, 89.3275, 96.7434
YIQ	242.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

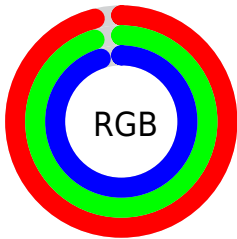
Format	Color
R _Y B	245, 242, 242
Decimal	16118514
CIE Lab	95.72, 1.00, 0.34
CIE LCh	96, 1.061, 18.874
Yxy	89.3275, 0.3147, 0.3290
Android (android.graphics.Color)	4294308594 (0xFF5F2F2)
YUV	242.8970, -0.4422, 1.8443
Hunter-Lab	94.5132, -4.0429, 5.4702

Details

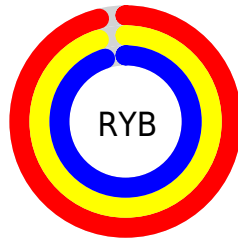
The XYZ color **85.4353, 89.3275, 96.7434** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7518, 90.7735, 99.3888**, and the grayscale version is **85.1141, 89.5466, 97.5163**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4081, 49.4818, 53.5066** is the 20% darker color. If you saturate the color by 10%, you get **75.1985, 74.3527, 76.3763**, and if you desaturate by 10%, it is **91.4667, 98.1527, 108.7323**.

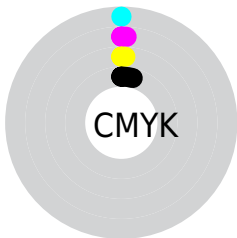
Distribution



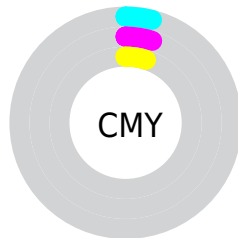
- Red (96%)
- Green (95%)
- Blue (95%)



- Red (96%)
- Yellow (95%)
- Blue (95%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.4353, 89.3275, 96.7434 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 85.4353, 89.3275, 96.7434 by changing the saturation by 10% instead.

85.4353, 89.3275,
96.7434

85.4353, 89.3275,
96.7434

501.5294,
525.8408, 570.8576

64.5248, 67.4230,
72.9820

139.8921,
146.4039, 158.6872

47.3391, 49.4285,
53.4695

174.1691,
182.3446, 197.7067

33.5129, 34.9595,
37.7874

213.6323,
223.7329, 242.6493

22.6808, 23.6317,
25.5172

258.6472,
270.9530, 293.9335

14.4774, 15.0606,
16.2403

309.5789,
324.3895, 351.9779

8.5373, 8.8619,
9.5381

366.7930,

4.4953, 4.6512,

384.4267, 417.2011

4.9922

430.6547,
451.4490, 490.0214

■ 1.9860, 2.0441,
2.1841

■ 0.6261, 0.6329,
0.6651

■ 85.4353, 89.3275,
96.7434

■ 85.4353, 89.3275,
96.7434

■ 75.1985, 74.3527,
76.3763

■ 91.4667, 98.1527,
108.7323

■ 66.3684, 61.4349,
58.8130

■ 58.8861, 50.4880,
43.9326

■ 52.6851, 41.4150,
31.6031

■ 47.6937, 34.1109,
21.6812

■ 43.8330, 28.4604,
14.0098

■ 41.0147, 24.3346,
8.4129

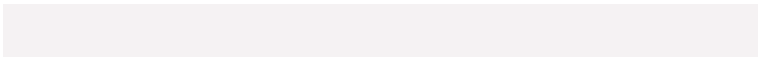
■ 39.1375, 21.5853,
4.6884

■ 38.0800, 20.0352,
2.5942

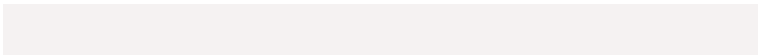
Harmonies

Analogous

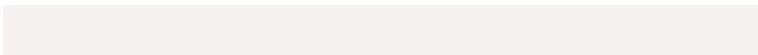
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.4550, 89.3275, 97.5730



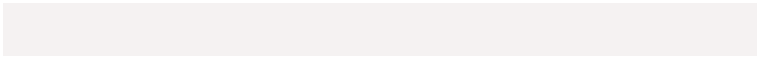
85.4353, 89.3275, 96.7434



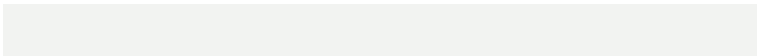
85.2728, 89.3275, 96.0567

Triad

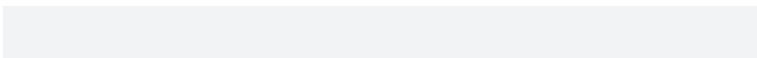
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.4353, 89.3275, 96.7434



84.4810, 89.3275, 96.2091



84.7949, 89.3275, 98.8482

Complementary

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



85.4353, 89.3275, 96.7434



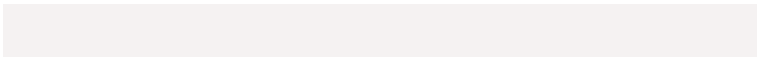
85.7518, 90.7735, 99.3888

Split Complementary

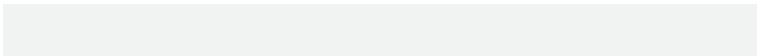
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.5345, 89.3275, 98.4783



85.4353, 89.3275, 96.7434



84.3536, 89.3275, 96.9526

Square

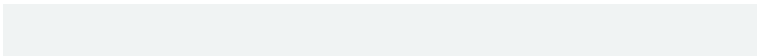
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



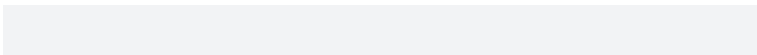
85.4353, 89.3275, 96.7434



84.7217, 89.3275, 95.7494



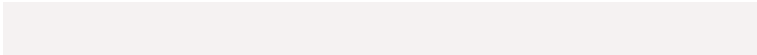
84.3731, 89.3275, 97.7834



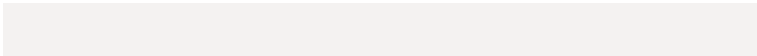
85.0848, 89.3275, 98.7914

Rectangle

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



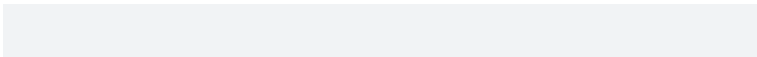
85.4353, 89.3275, 96.7434



85.1056, 89.3275, 95.7708



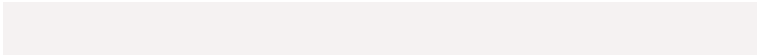
84.3731, 89.3275, 97.7834



84.7010, 89.3275, 98.7696

Sweetspot

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



85.4378, 89.3313, 96.7453

95.0500, 100.0000, 108.9000



85.8910, 89.5107, 99.1378



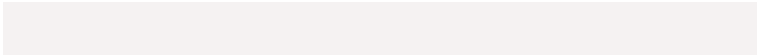
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

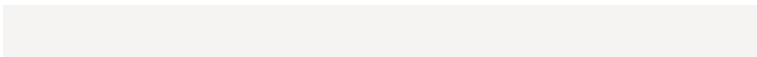
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4378, 89.3313, 96.7453



93.8351, 98.2228, 106.4830



85.8849, 90.2255, 96.8944



18.4038, 19.2696, 20.8952



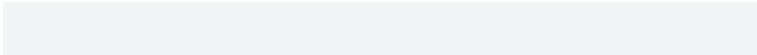
20.2889, 10.4634, 0.9503



1.7838, 0.9209, 0.0837

Inverse Universe

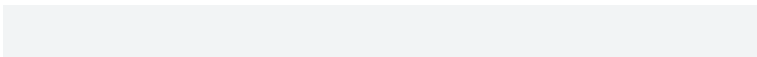
The Inverse Universe completely reimagines the original color for something new.



85.7518, 90.7735, 99.3888



94.1169, 99.5173, 108.8560



85.3011, 89.8720, 99.2386



18.4561, 19.5098, 21.3356



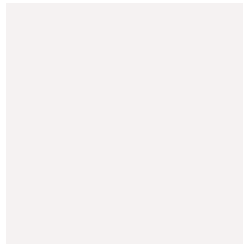
26.4159, 38.6257, 52.6013



2.3223, 3.3961, 4.6233

Previews

White Background



This preview shows how the XYZ color 85.4353, 89.3275, 96.7434 looks on a white background.

Color Contrast Check

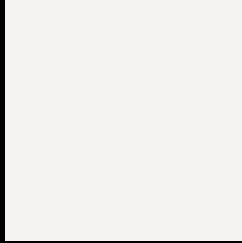
Large Text (above 18pt) WCAG AA × Fail

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 85.4353, 89.3275, 96.7434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

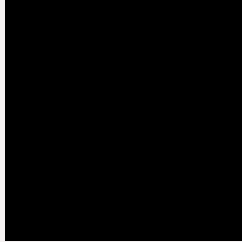
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

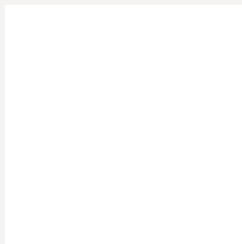
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.4353, 89.3275, 96.7434

Background



This preview shows how black text looks on a background with the XYZ color 85.4353, 89.3275, 96.7434.



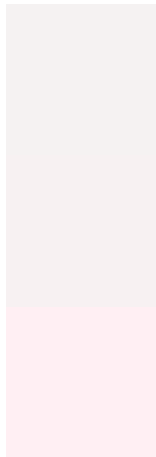
This preview shows how white text looks on a background with the XYZ color 85.4353, 89.3275,

96.7434.

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

85.4353, 89.3275, 96.7434

Protanopia

85.8401, 89.0956, 96.6773

Deuteranopia

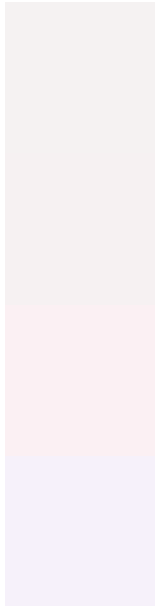
88.2842, 89.4641, 97.4092



Tritanopia

87.2161, 89.1330, 107.2153

Trichromacy



Original Color

85.4353, 89.3275, 96.7434

Protanomaly

85.4883, 88.9142, 96.6608

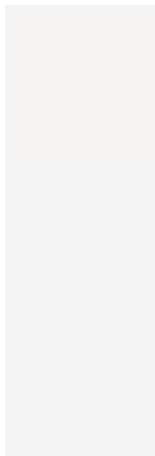
Deuteranomaly

87.1214, 89.3005, 97.4389

Tritanomaly

86.7167, 89.4056, 103.1290

Monochromacy



Original Color

85.4353, 89.3275, 96.7434

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.5365, 89.8053, 97.6199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.4353, 89.3275, 96.7434 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(245, 242, 242) looks like.

```
.text, #text, p{  
    color:rgb(245, 242, 242)  
}
```

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(245, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 242, 242) }
```

Border

The CSS property to change the border of an element to XYZ 85.4353, 89.3275, 96.7434 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(245, 242, 242) }
```

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

```
.border{ border-color:rgb(245, 242, 242) }
```

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

Here you see how a box with a 4 pixel rgb(245, 242, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(245, 242,  
242) }
```


Background

The CSS property to change the background color of an element to XYZ 85.4353, 89.3275, 96.7434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 242, 242) }
```

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

```
.background{ background-color: rgb(245,  
242, 242) }
```

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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