

Converting Colors

XYZ(85.3506, 89.7373, 95.7778)

Have a look what the booklet for
XYZ(85.3506, 89.7373, 95.7778)
contains.

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Color

**XYZ(85.5840, 89.8645,
96.0539)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F3F1
RGB	245, 243, 241
RGB Percent	96%, 95%, 95%
CMY	0.0392, 0.0470, 0.0549
CMYK	0.00, 0.01, 0.02, 0.04
HSL	30°, 17%, 95%
HSV	30°, 2%, 96%
XYZ	85.5840, 89.8645, 96.0539
YIQ	243.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

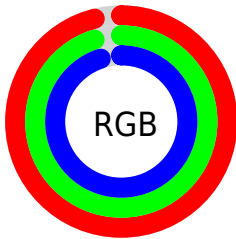
Format	Color
R_{YB}	245, 245, 241
Decimal	16118769
CIE _{Lab}	95.94, 0.32, 1.19
CIE _{LCh}	96, 1.229, 74.868
Yxy	89.8645, 0.3152, 0.3310
Android (android.graphics.Color)	4294308849 (0xFFFF5F3F1)
YUV	243.3700, -1.1684, 1.4295
Hunter-Lab	94.7969, -4.7422, 6.2816

Details

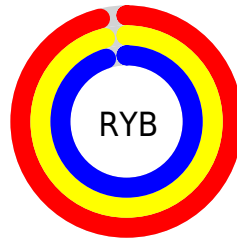
The XYZ color **85.5840, 89.8645, 96.0539** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.8078, 89.3936, 99.1724**, and the grayscale version is **85.4963, 89.9487, 97.9541**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5135, 49.8622, 53.0191** is the 20% darker color. If you saturate the color by 10%, you get **78.6309, 81.4255, 76.8786**, and if you desaturate by 10%, it is **91.4668, 98.1528, 108.7323**.

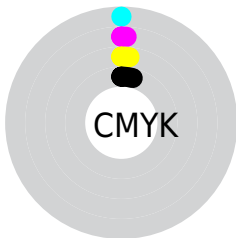
Distribution



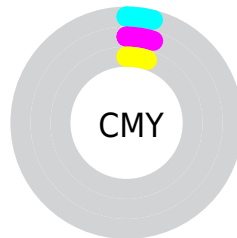
- Red (96%)
- Green (95%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.5840, 89.8645, 96.0539 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 85.5840, 89.8645, 96.0539 by changing the saturation by 10% instead.

85.5840, 89.8645,
96.0539

85.5840, 89.8645,
96.0539

502.0131,
527.5900, 568.6037

64.6481, 67.8683,
72.4107

140.0986,
147.1502, 157.7279

47.4395, 49.7906,
53.0054

174.4081,
183.2084, 196.5958

33.5926, 35.2470,
37.4193

213.9062,
224.7227, 241.3757

22.7422, 23.8532,
25.2340

258.9583,
272.0776, 292.4861

14.5229, 15.2248,
16.0309

309.9297,
325.6573, 350.3455

8.5694, 8.9773,
9.3914

367.1857,

4.5162, 4.7264,

385.8464, 415.3726

4.8971

431.0917,
453.0291, 487.9858

■ 1.9981, 2.0876,
2.1293

■ 0.6329, 0.6577,
0.6331

■ 85.5840, 89.8645,
96.0539

■ 85.5840, 89.8645,
96.0539

■ 78.6309, 81.4255,
76.8786

■ 91.4668, 98.1528,
108.7323

■ 72.3869, 73.6496,
60.2706

■ 66.8289, 66.5227,
46.1205

■ 61.9297, 60.0258,
34.3091

■ 57.6597, 54.1388,
24.7068

■ 53.9869, 48.8404,
17.1715

■ 50.8760, 44.1075,
11.5442

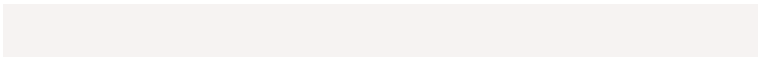
■ 48.2867, 39.9148,
7.6420

■ 46.1718, 36.2337,
5.2457

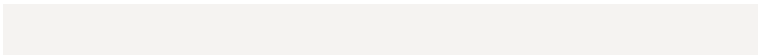
Harmonies

Analogous

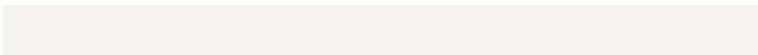
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8769, 89.8645, 96.5345



85.5840, 89.8645, 96.0539



85.2462, 89.8645, 96.0517

Triad

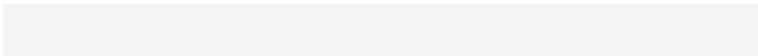
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5840, 89.8645, 96.0539



84.7843, 89.8645, 98.3275



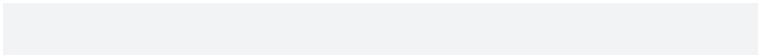
85.8748, 89.8645, 99.1779

Complementary

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



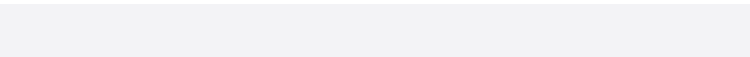
85.5840, 89.8645, 96.0539



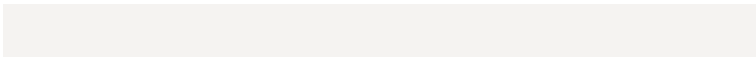
84.8078, 89.3936, 99.1724

Split Complementary

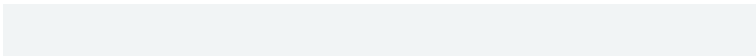
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.5811, 89.8645, 99.6649



85.5840, 89.8645, 96.0539



84.9518, 89.8645, 99.1717

Square

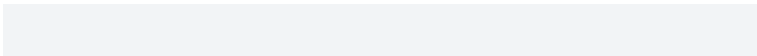
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



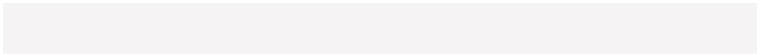
85.5840, 89.8645, 96.0539



84.7850, 89.8645, 97.3600



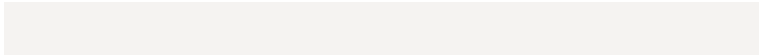
85.2432, 89.8645, 99.6626



86.0451, 89.8645, 98.3359

Rectangle

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



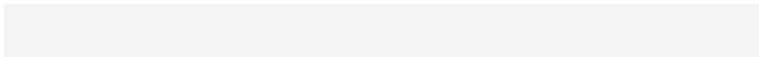
85.5840, 89.8645, 96.0539



85.0409, 89.8645, 96.3216



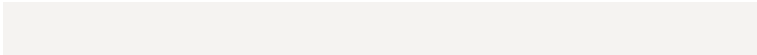
85.2432, 89.8645, 99.6626



85.7872, 89.8645, 99.3888

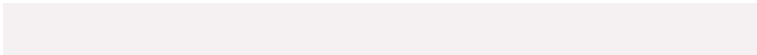
Sweetspot

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



85.5865, 89.8684, 96.0559

95.0500, 100.0000, 108.9000



85.2905, 88.7956, 97.4393



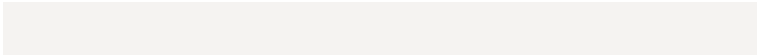
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



85.5865, 89.8684, 96.0559



93.4331, 98.0629, 104.3639



86.1872, 91.0696, 96.2561



18.3291, 19.2399, 20.5017



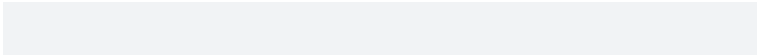
24.2235, 18.3327, 2.2618



2.2318, 1.8168, 0.2331

Inverse Universe

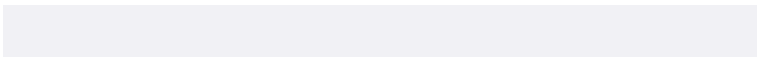
The Inverse Universe completely reimagines the original color for something new.



84.8078, 89.3936, 99.1724



92.3888, 97.4261, 108.5434



84.2137, 88.2053, 98.9744



18.1352, 19.1217, 21.2776



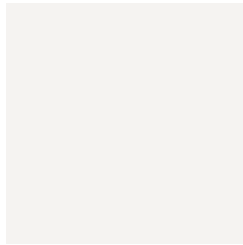
12.7834, 11.3606, 48.0571



1.2263, 1.2040, 4.2580

Previews

White Background



This preview shows how the XYZ color 85.5840, 89.8645, 96.0539 looks on a white background.

Color Contrast Check

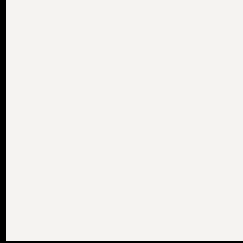
Large Text (above 18pt) WCAG AA × Fail

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 85.5840, 89.8645, 96.0539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

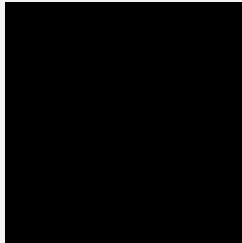
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

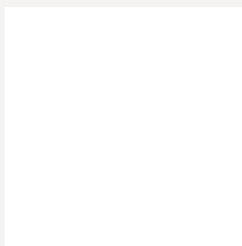
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.5840, 89.8645, 96.0539

Background



This preview shows how black text looks on a background with the XYZ color 85.5840, 89.8645, 96.0539.



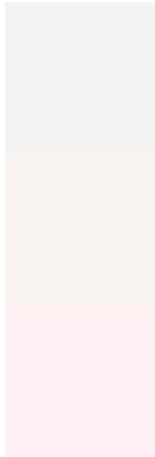
This preview shows how white text looks on a background with the XYZ color 85.5840, 89.8645,

96.0539.

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

85.5840, 89.8645, 96.0539

Protanopia

86.1917, 89.7520, 95.2192

Deuteranopia

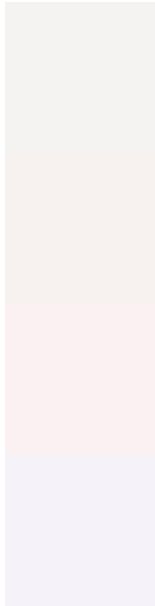
88.5778, 90.0512, 97.5071



Tritanopia

87.8631, 89.9048, 107.3302

Trichromacy



Original Color

85.5840, 89.8645, 96.0539

Protanomaly

85.8381, 89.5697, 95.2026

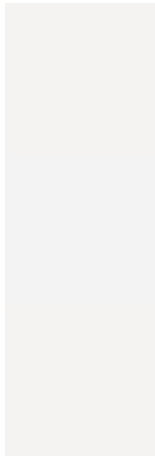
Deuteranomaly

87.2660, 89.8306, 96.7440

Tritanomaly

87.0135, 89.9992, 103.2280

Monochromacy



Original Color

85.5840, 89.8645, 96.0539

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.3858, 89.7451, 96.8266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5840, 89.8645, 96.0539 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, 243, 241) looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 243, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 243, 241) }
```

Border

The CSS property to change the border of an element to XYZ 85.5840, 89.8645, 96.0539 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, 243, 241) }
```

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

```
.border{ border-color:rgb(245, 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(245, 243, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 243, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 243, 241);  
box-shadow:4px 4px 4px 4px rgb(245, 243,  
241) }
```


Background

The CSS property to change the background color of an element to XYZ 85.5840, 89.8645, 96.0539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 243, 241) }
```

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

```
.background{ background-color: rgb(245,  
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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