

Converting Colors

XYZ(85.5316, 89.9689, 98.7680)

Have a look what the booklet for
XYZ(85.5316, 89.9689, 98.7680)
contains.

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Color

**XYZ(85.3419, 89.6875,
98.4014)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F3F4
RGB	243, 243, 244
RGB Percent	95%, 95%, 96%
CMY	0.0471, 0.0470, 0.0431
CMYK	0.00, 0.00, 0.00, 0.04
HSL	240°, 4%, 95%
HSV	240°, 0%, 96%
XYZ	85.3419, 89.6875, 98.4014
YIQ	243.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

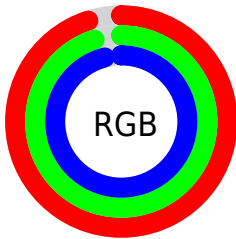
Format	Color
R_{YB}	243, 243, 244
Decimal	15987700
CIE Lab	95.87, 0.18, -0.49
CIE LCh	96, 0.523, 290.368
Yxy	89.6875, 0.3121, 0.3280
Android (android.graphics.Color)	4294177780 (0xFFFF3F3F4)
YUV	243.1140, 0.4368, -0.1000
Hunter-Lab	94.7035, -4.8761, 4.6873

Details

The XYZ color **85.3419, 89.6875, 98.4014** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.8368, 90.4046, 97.7212**, and the grayscale version is **85.2812, 89.7224, 97.7077**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3409, 49.7363, 54.6819** is the 20% darker color. If you saturate the color by 10%, you get **70.6769, 72.0377, 95.7689**, and if you desaturate by 10%, it is **93.3294, 99.3118, 99.8394**.

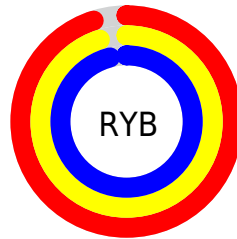
Distribution



Red (95%)

Green (95%)

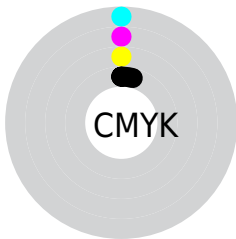
Blue (96%)



Red (95%)

Yellow (95%)

Blue (96%)

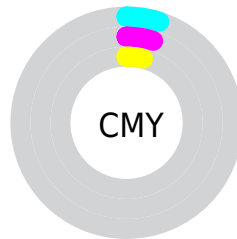


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (5%)

Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.3419, 89.6875, 98.4014 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 85.3419, 89.6875, 98.4014 by changing the saturation by 10% instead.

85.3419, 89.6875,
98.4014

85.3419, 89.6875,
98.4014

501.2254,
527.0138, 576.2580

64.4474, 67.7215,
74.3567

139.7623,
146.9042, 160.9913

47.2761, 49.6712,
54.5875

174.0189,
182.9238, 200.3735

33.4629, 35.1522,
38.6752

213.4603,
224.3966, 245.7054

22.6422, 23.7801,
26.2013

258.4517,
271.7071, 297.4055

14.4488, 15.1706,
16.7471

309.3585,
325.2396, 355.8922

8.5172, 8.9392,
9.8943

366.5462,

4.4822, 4.7016,

385.3787, 421.5842

5.2243

430.3800,
452.5086, 494.8999

■ 1.9784, 2.0732,
2.3184

■ 0.6218, 0.6495,
0.7415

■ 85.3419, 89.6875,
98.4014

■ 85.3419, 89.6875,
98.4014

■ 70.6769, 72.0377,
95.7689

■ 93.3294, 99.3118,
99.8394

■ 58.0098, 56.7888,
93.4932

■ 47.2564, 43.8405,
91.5607

■ 38.3239, 33.0812,
89.9548

■ 31.1113, 24.3901,
88.6573

■ 25.5083, 17.6345,
87.6487

■ 21.3915, 12.6664,
86.9067

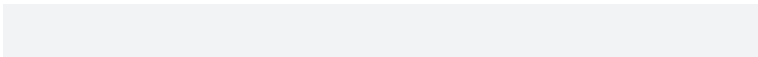
■ 18.6196, 9.3166,
86.4062

■ 17.0242, 7.3832,
86.1172

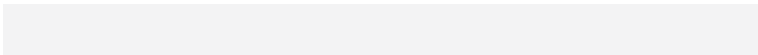
Harmonies

Analogous

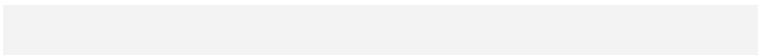
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1989, 89.6875, 98.4401



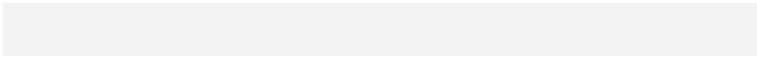
85.3419, 89.6875, 98.4014



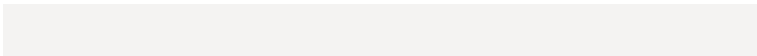
85.4592, 89.6875, 98.1623

Triad

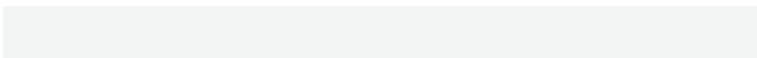
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3419, 89.6875, 98.4014



85.4224, 89.6875, 97.0436



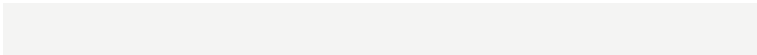
84.9720, 89.6875, 97.5215

Complementary

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



85.3419, 89.6875, 98.4014



85.8368, 90.4046, 97.7212

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.



85.0317, 89.6875, 97.1484



85.3419, 89.6875, 98.4014



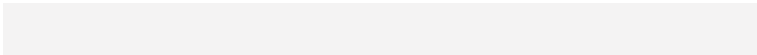
85.2917, 89.6875, 96.8730

Square

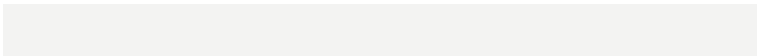
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



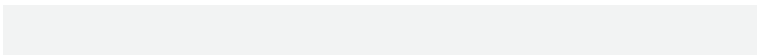
85.3419, 89.6875, 98.4014



85.5057, 89.6875, 97.3781



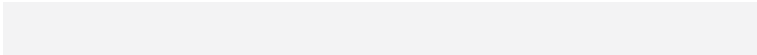
85.1487, 89.6875, 96.9113



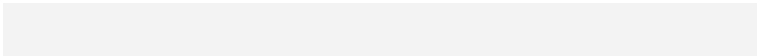
84.9854, 89.6875, 97.9313

Rectangle

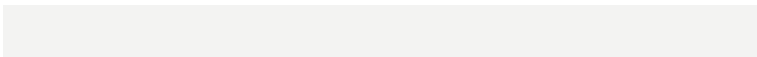
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



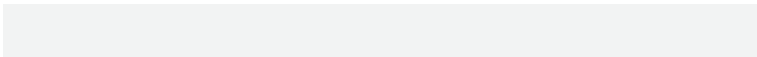
85.3419, 89.6875, 98.4014



85.5069, 89.6875, 97.9217



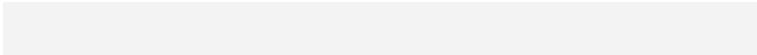
85.1487, 89.6875, 96.9113



84.9842, 89.6875, 97.3877

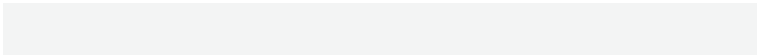
Sweetspot

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



85.3444, 89.6914, 98.4034

95.0500, 100.0000, 108.9000



85.6408, 90.2882, 98.4897



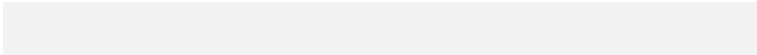
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

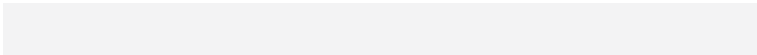
Same Dimension

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



85.3444, 89.6914, 98.4034

95.0500, 100.0000, 108.9000



85.5103, 89.7751, 98.4108



18.6292, 19.5994, 21.3438



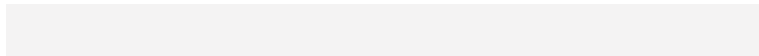
8.8869, 3.5675, 46.7582



0.7829, 0.3172, 4.1102

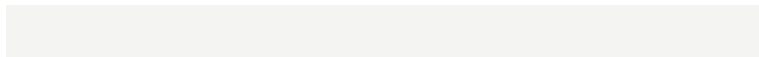
Inverse Universe

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



85.5385, 89.8070, 97.6247

95.0500, 100.0000, 108.9000



85.6705, 90.3206, 97.7137



18.6292, 19.5994, 21.3438



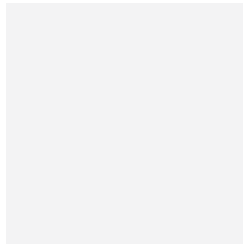
20.2902, 10.4595, 0.9706



1.7842, 0.9197, 0.0901

Previews

White Background



This preview shows how the XYZ color 85.3419, 89.6875, 98.4014 looks on a white background.

Color Contrast Check

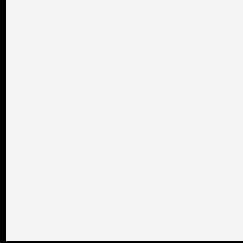
Large Text (above 18pt) WCAG AA × Fail

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 85.3419, 89.6875, 98.4014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

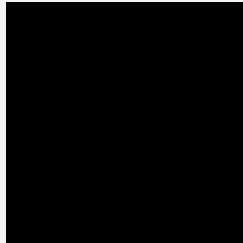
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

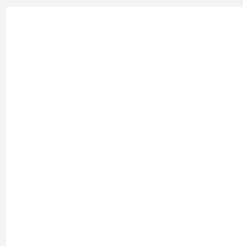
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3419, 89.6875, 98.4014

Background



This preview shows how black text looks on a background with the XYZ color 85.3419, 89.6875, 98.4014.



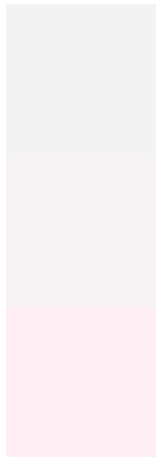
This preview shows how white text looks on a background with the XYZ color 85.3419, 89.6875,

98.414.

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

85.3419, 89.6875, 98.4014

Protanopia

86.2876, 89.7495, 97.5696

Deuteranopia

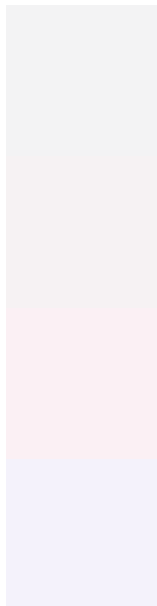
88.4356, 89.5247, 98.2069



Tritanopia

87.1615, 89.5431, 107.2974

Trichromacy



Original Color

85.3419, 89.6875, 98.4014

Protanomaly

85.9358, 89.5682, 97.5531

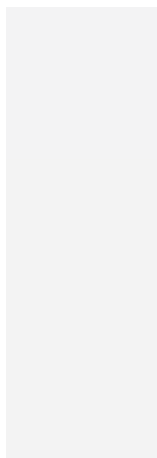
Deuteranomaly

87.2729, 89.3611, 98.2366

Tritanomaly

86.4729, 89.7024, 104.0235

Monochromacy



Original Color

85.3419, 89.6875, 98.4014

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.1904, 89.6269, 97.6037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3419, 89.6875, 98.4014 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, 244) looks like.

```
.text, #text, p{  
    color:rgb(243, 243, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 243, 244) }
```

Border

The CSS property to change the border of an element to XYZ 85.3419, 89.6875, 98.4014 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, 244) }
```

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

```
.border{ border-color:rgb(243, 243, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 243, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 243, 244);  
box-shadow:4px 4px 4px 4px rgb(243, 243,  
244) }
```


Background

The CSS property to change the background color of an element to XYZ 85.3419, 89.6875, 98.4014 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, 244) }
```

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

```
.background{ background-color: rgb(243,  
243, 244) }
```

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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