

Converting Colors

XYZ(85.3382, 89.3291, 94.4058)

Have a look what the booklet for
XYZ(85.3382, 89.3291, 94.4058)
contains.

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Color

**XYZ(85.3382, 89.3291,
94.4058)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F2EF
RGB	246, 242, 239
RGB Percent	96%, 95%, 94%
CMY	0.0353, 0.0510, 0.0627
CMYK	0.00, 0.02, 0.03, 0.04
HSL	26°, 28%, 95%
HSV	26°, 3%, 96%
XYZ	85.3382, 89.3291, 94.4058
YIQ	242.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

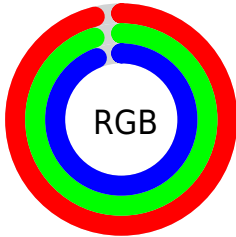
Format	Color
R _Y B	246, 244, 239
Decimal	16184047
CIE Lab	95.72, 0.82, 1.91
CIE LCh	96, 2.074, 66.762
Yxy	89.3291, 0.3172, 0.3320
Android (android.graphics.Color)	4294374127 (0xFF6F2EF)
YUV	242.8540, -1.9000, 2.7590
Hunter-Lab	94.5141, -4.2293, 6.9378

Details

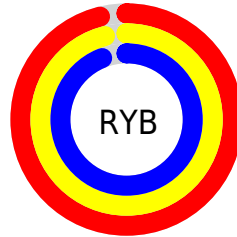
The XYZ color 85.3382, 89.3291, 94.4058 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.2818, 89.1046, 99.9468, and the grayscale version is 85.0903, 89.5216, 97.4890.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 47.3414, 49.4839, 51.8559 is the 20% darker color. If you saturate the color by 10%, you get 77.9289, 79.9353, 75.2093, and if you desaturate by 10%, it is 91.8166, 98.3331, 108.7487.

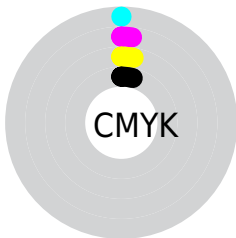
Distribution



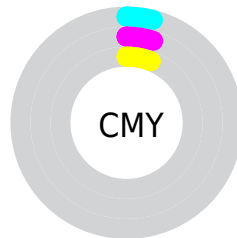
- Red (96%)
- Green (95%)
- Blue (94%)



- Red (96%)
- Yellow (96%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (4%)





- Cyan (4%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.3382, 89.3291, 94.4058 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 85.3382, 89.3291, 94.4058 by changing the saturation by 10% instead.


 85.3382, 89.3291,
94.4058

 85.3382, 89.3291,
94.4058


501.2133,
525.8460, 563.1966

 64.4443, 67.4243,
71.0464


139.7572,
146.4061, 155.4319

 47.2736, 49.4296,
51.8980

174.0130,
182.3472, 193.9357

 33.4609, 34.9603,
36.5421


213.4534,
223.7358, 238.3247

 22.6407, 23.6323,
24.5601

258.4439,
270.9564, 289.0175

 14.4476, 15.0611,
15.5336

309.3498,
324.3933, 346.4325

 8.5164, 8.8623,
9.0440

366.5364,

 4.4817, 4.6515,

384.4309, 410.9883

4.6727

430.3692,
451.4537, 483.1035

■ 1.9781, 2.0443,
2.0012

■ 0.6216, 0.6330,
0.5560

■ 85.3382, 89.3291,
94.4058

■ 85.3382, 89.3291,
94.4058

■ 77.9289, 79.9353,
75.2093

■ 91.8166, 98.3331,
108.7487

■ 71.3057, 71.3552,
58.6162

■ 65.4426, 63.5693,
44.5143

■ 60.3090, 56.5530,
32.7811

■ 55.8722, 50.2805,
23.2836

■ 52.0966, 44.7241,
15.8752

■ 48.9429, 39.8542,
10.3919

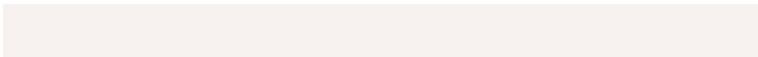
■ 46.3663, 35.6382,
6.6444

■ 44.3146, 32.0396,
4.4039

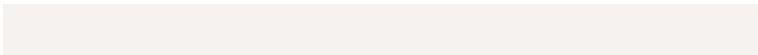
Harmonies

Analogous

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



85.7865, 89.3291, 95.3960



85.3382, 89.3291, 94.4058



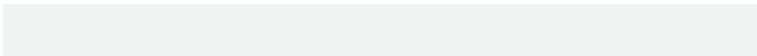
84.7755, 89.3291, 94.1775

Triad

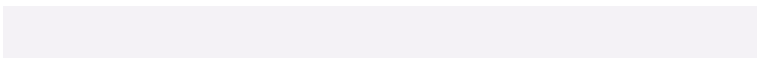
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3382, 89.3291, 94.4058



83.8199, 89.3291, 97.6346



85.5629, 89.3291, 99.8029

Complementary

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



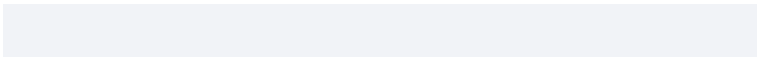
85.3382, 89.3291, 94.4058



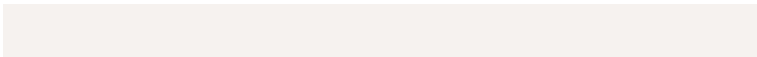
84.2818, 89.1046, 99.9468

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.



85.0339, 89.3291, 100.4176



85.3382, 89.3291, 94.4058



84.0288, 89.3291, 99.1566

Square

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



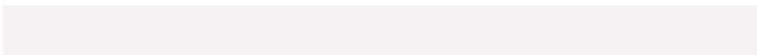
85.3382, 89.3291, 94.4058



83.9006, 89.3291, 96.0299



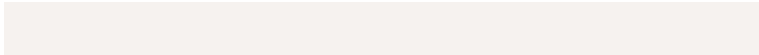
84.4725, 89.3291, 100.1797



85.9166, 89.3291, 98.5091

Rectangle

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



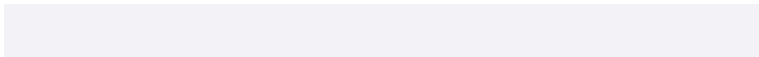
85.3382, 89.3291, 94.4058



84.4116, 89.3291, 94.4858



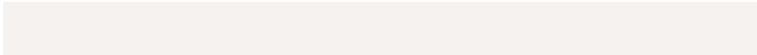
84.4725, 89.3291, 100.1797



85.3995, 89.3291, 100.0965

Sweetspot

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



85.3407, 89.3330, 94.4077



94.1795, 98.9116, 106.5978



85.0641, 87.8033, 97.3257



20.1675, 21.1827, 22.8406



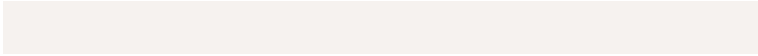
0.0000, 0.0000, 0.0000



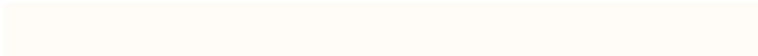
20.3446, 21.4041, 23.3091

Same Dimension

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



85.3407, 89.3330, 94.4077



92.4653, 96.7624, 102.0827



86.3659, 91.3834, 94.7495



17.9925, 18.8013, 19.6661



23.1468, 16.1791, 1.9029



2.1342, 1.6217, 0.2005

Inverse Universe

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



84.2818, 89.1046, 99.9468



91.2529, 96.5009, 108.4247



83.2700, 87.0811, 99.6096



17.6942, 18.7369, 21.2266



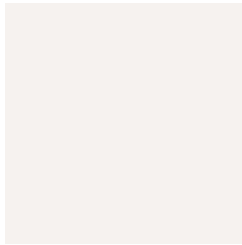
14.0598, 13.9133, 48.4825



1.3376, 1.4267, 4.2951

Previews

White Background



This preview shows how the XYZ color 85.3382, 89.3291, 94.4058 looks on a white background.

Color Contrast Check

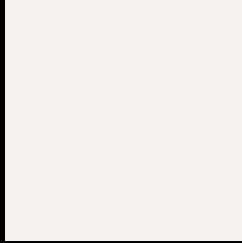
Large Text (above 18pt) WCAG AA × Fail

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 85.3382, 89.3291, 94.4058 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

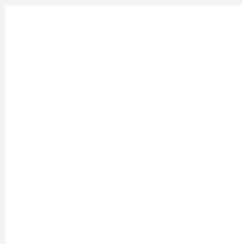
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3382, 89.3291, 94.4058

Background



This preview shows how black text looks on a background with the XYZ color 85.3382, 89.3291, 94.4058.



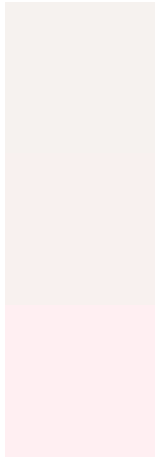
This preview shows how white text looks on a background with the XYZ color 85.3382, 89.3291,

94.458.

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

85.3382, 89.3291, 94.4058

Protanopia

85.7467, 89.0990, 94.3399

Deuteranopia

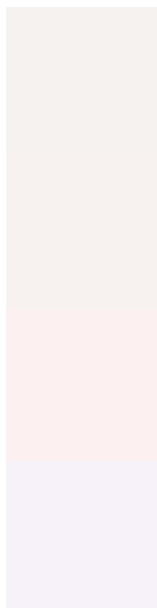
88.1335, 89.4038, 96.6159



Tritanopia

87.9215, 89.4966, 107.2484

Trichromacy



Original Color

85.3382, 89.3291, 94.4058

Protanomaly

85.3931, 88.9167, 94.3233

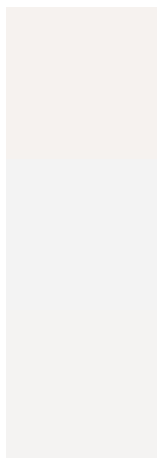
Deuteranomaly

87.1822, 89.3665, 95.8736

Tritanomaly

86.9120, 89.5243, 102.3217

Monochromacy



Original Color

85.3382, 89.3291, 94.4058

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 85.3382, 89.3291, 94.4058 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(246, 242, 239) looks like.

```
.text, #text, p{  
    color:rgb(246, 242, 239)  
}
```

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(246, 242, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 242, 239) }
```

Border

The CSS property to change the border of an element to XYZ 85.3382, 89.3291, 94.4058 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(246, 242, 239) }
```


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

```
.border{ border-color:rgb(246, 242, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 242, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 242, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 242, 239);  
box-shadow:4px 4px 4px 4px rgb(246, 242,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3382, 89.3291, 94.4058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 242, 239) }
```

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

```
.background{ background-color: rgb(246,  
242, 239) }
```

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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