

Converting Colors

XYZ(84.5488, 88.6739, 94.5702)

Have a look what the booklet for
XYZ(84.5488, 88.6739, 94.5702)
contains.

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Color

**XYZ(84.3435, 88.3757,
94.2742)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F1EF
RGB	244, 241, 239
RGB Percent	96%, 95%, 94%
CMY	0.0431, 0.0549, 0.0627
CMYK	0.00, 0.01, 0.02, 0.04
HSL	24°, 19%, 95%
HSV	24°, 2%, 96%
XYZ	84.3435, 88.3757, 94.2742
YIQ	241.6690, 2.4300, 0.0140

Conversions

Conversions Part 2

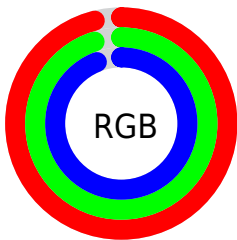
Format	Color
R_YB	244, 242, 239
Decimal	16052719
CIE _{Lab}	95.32, 0.66, 1.31
CIE _{LCh}	95, 1.462, 63.337
Yxy	88.3757, 0.3159, 0.3310
Android (android.graphics.Color)	4294242799 (0xFF4F1EF)
YUV	241.6690, -1.3158, 2.0443
Hunter-Lab	94.0084, -4.3659, 6.3482

Details

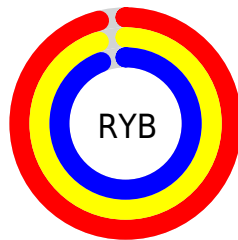
The XYZ color **84.3435, 88.3757, 94.2742** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.6778, 88.3854, 98.2389**, and the grayscale version is **84.1474, 88.5296, 96.4087**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6352, 48.8082, 51.7627** is the 20% darker color. If you saturate the color by 10%, you get **76.8249, 78.7224, 75.1677**, and if you desaturate by 10%, it is **91.1187, 97.9733, 108.7160**.

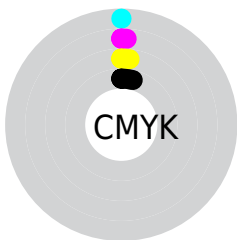
Distribution



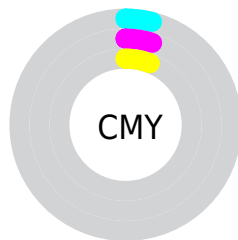
- Red (96%)
- Green (95%)
- Blue (94%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.3435, 88.3757, 94.2742 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 84.3435, 88.3757, 94.2742 by changing the saturation by 10% instead.

84.3435, 88.3757,
94.2742

84.3435, 88.3757,
94.2742

497.9697,
522.7328, 562.7637

63.6197, 66.6343,
70.9375

138.3744,
145.0801, 155.2484

46.6033, 48.7875,
51.8097

172.4122,
180.8118, 193.7231

32.9288, 34.4509,
36.4722

211.6187,
221.9758, 238.0807

22.2309, 23.2402,
24.5065

256.3593,
268.9564, 288.7400

14.1442, 14.7710,
15.4941

306.9993,
322.1380, 346.1193

8.3034, 8.6588,
9.0164

363.9042,

4.3431, 4.5193,

381.9050, 410.6374

4.6549

427.4392,
448.6418, 482.7127

■ 1.8980, 1.9681,
1.9911

■ 0.5757, 0.5888,
0.5498

■ 84.3435, 88.3757,
94.2742

■ 84.3435, 88.3757,
94.2742

■ 76.8249, 78.7224,
75.1677

■ 91.1187, 97.9733,
108.7160

■ 70.1104, 69.9307,
58.6335

■ 64.1734, 61.9791,
44.5618

■ 58.9829, 54.8414,
32.8328

■ 54.5057, 48.4898,
23.3166

■ 50.7057, 42.8944,
15.8704

■ 47.5434, 38.0234,
10.3345

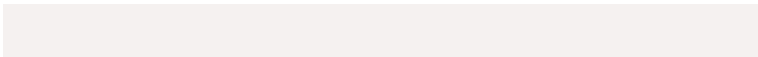
■ 44.9738, 33.8421,
6.5251

■ 42.9447, 30.3117,
4.2215

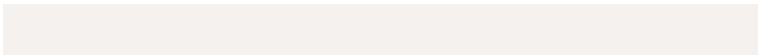
Harmonies

Analogous

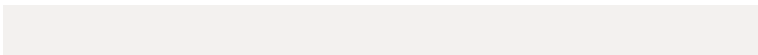
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6416, 88.3757, 95.0226



84.3435, 88.3757, 94.2742



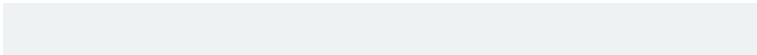
83.9538, 88.3757, 94.0474

Triad

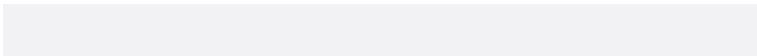
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.3435, 88.3757, 94.2742



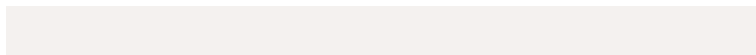
83.2342, 88.3757, 96.3542



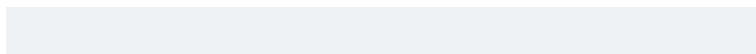
84.4211, 88.3757, 98.0751

Complementary

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



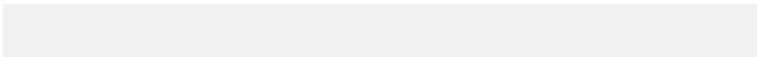
84.3435, 88.3757, 94.2742



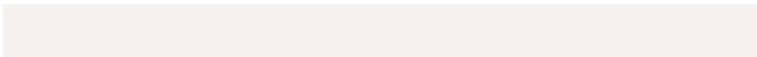
83.6778, 88.3854, 98.2389

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.



84.0432, 88.3757, 98.4382



84.3435, 88.3757, 94.2742



83.3586, 88.3757, 97.4397

Square

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



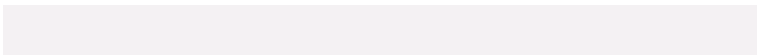
84.3435, 88.3757, 94.2742



83.3141, 88.3757, 95.2426



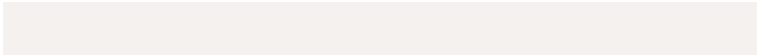
83.6543, 88.3757, 98.2048



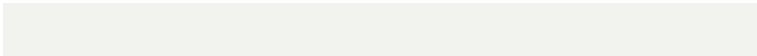
84.6865, 88.3757, 97.2163

Rectangle

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



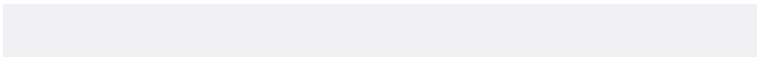
84.3435, 88.3757, 94.2742



83.6946, 88.3757, 94.2210



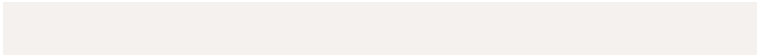
83.6543, 88.3757, 98.2048



84.3030, 88.3757, 98.2595

Sweetspot

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



84.3460, 88.3795, 94.2761



94.1566, 98.8659, 106.5902



84.2030, 87.3782, 96.4333



20.1628, 21.1734, 22.8390



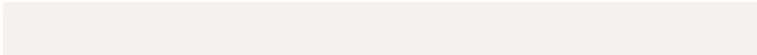
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



84.3460, 88.3795, 94.2761



93.2726, 97.7417, 104.3103



85.0898, 89.8672, 94.5241



18.2993, 19.1803, 20.4917



22.7765, 15.4386, 1.7795



2.0996, 1.5524, 0.1890

Inverse Universe

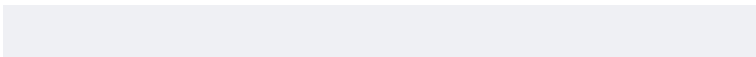
The Inverse Universe completely reimagines the original color for something new.



83.6778, 88.3854, 98.2389



92.5498, 97.7481, 108.5971



82.9401, 86.9099, 97.9930



18.1651, 19.1815, 21.2876



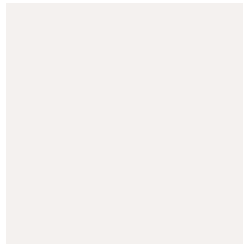
14.6214, 15.0366, 48.6697



1.3855, 1.5225, 4.3111

Previews

White Background



This preview shows how the XYZ color 84.3435, 88.3757, 94.2742 looks on a white background.

Color Contrast Check

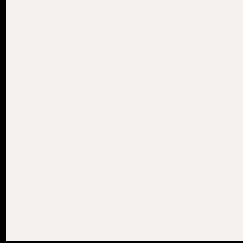
Large Text (above 18pt) WCAG AA × Fail

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 84.3435, 88.3757, 94.2742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

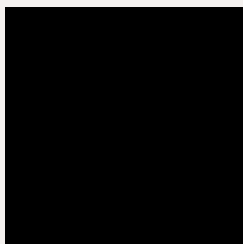
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

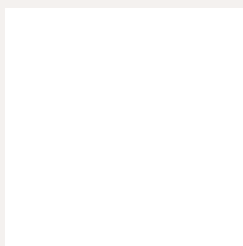
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.3435, 88.3757, 94.2742

Background



This preview shows how black text looks on a background with the XYZ color 84.3435, 88.3757, 94.2742.



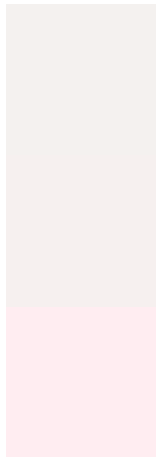
This preview shows how white text looks on a background with the XYZ color 84.3435, 88.3757,

94.242.

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

84.3435, 88.3757, 94.2742

Protanopia

84.7461, 88.1450, 94.2084

Deuteranopia

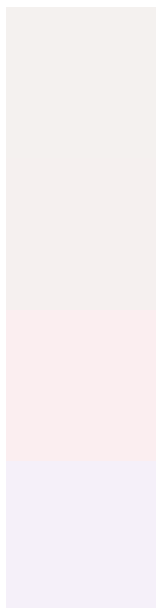
87.4014, 88.1792, 95.6328



Tritanopia

86.9225, 88.5458, 107.1175

Trichromacy



Original Color

84.3435, 88.3757, 94.2742

Protanomaly

84.3963, 87.9646, 94.1921

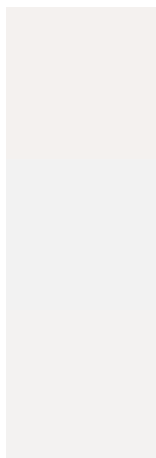
Deuteranomaly

86.0864, 87.9496, 94.8768

Tritanomaly

85.9152, 88.5722, 102.1905

Monochromacy



Original Color

84.3435, 88.3757, 94.2742

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.5915, 88.9098, 95.9220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.3435, 88.3757, 94.2742 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(244, 241, 239) looks like.

```
.text, #text, p{  
    color:rgb(244, 241, 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(244, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 241, 239) }
```

Border

The CSS property to change the border of an element to XYZ 84.3435, 88.3757, 94.2742 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(244, 241, 239) }
```


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

```
.border{ border-color:rgb(244, 241, 239) }
```

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

Here you see how a box with a 4 pixel rgb(244, 241, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(244, 241,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 84.3435, 88.3757, 94.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 241, 239) }
```

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

```
.background{ background-color: rgb(244,  
241, 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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