

Converting Colors

XYZ(85.0868, 88.8152, 94.5940)

Have a look what the booklet for
XYZ(85.0868, 88.8152, 94.5940)
contains.

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Color

**XYZ(85.0413, 88.7354,
94.3068)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F1EF
RGB	246, 241, 239
RGB Percent	96%, 95%, 94%
CMY	0.0353, 0.0549, 0.0627
CMYK	0.00, 0.02, 0.03, 0.04
HSL	17°, 28%, 95%
HSV	17°, 3%, 96%
XYZ	85.0413, 88.7354, 94.3068
YIQ	242.2670, 3.6220, 0.4380

Conversions

Conversions Part 2

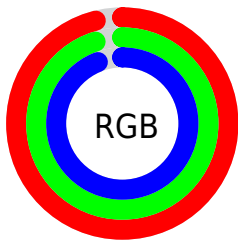
Format	Color
R_{YB}	246, 242, 239
Decimal	16183791
CIE _{Lab}	95.47, 1.33, 1.54
CIE _{LCh}	95, 2.037, 49.326
Yxy	88.7354, 0.3172, 0.3310
Android (android.graphics.Color)	4294373871 (0xFFFF6F1EF)
YUV	242.2670, -1.6106, 3.2738
Hunter-Lab	94.1995, -3.7030, 6.5821

Details

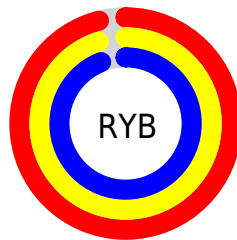
The XYZ color **85.0413, 88.7354, 94.3068** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5818, 89.7046, 100.0467**, and the grayscale version is **84.6220, 89.0289, 96.9525**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1314, 49.0640, 51.7859** is the 20% darker color. If you saturate the color by 10%, you get **76.7034, 77.4844, 74.8008**, and if you desaturate by 10%, it is **91.8165, 98.3331, 108.7487**.

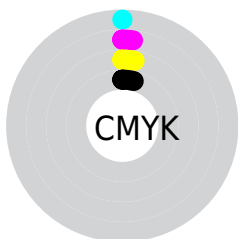
Distribution



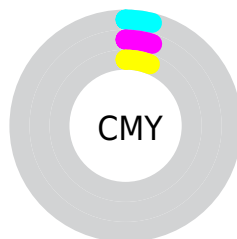
- Red (96%)
- Green (95%)
- Blue (94%)



- Red (96%)
- Yellow (95%)
- 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 85.0413, 88.7354, 94.3068 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 85.0413, 88.7354, 94.3068 by changing the saturation by 10% instead.

85.0413, 88.7354,
94.3068

85.0413, 88.7354,
94.3068

500.2463,
523.9085, 562.8709

64.1981, 66.9323,
70.9645

139.3446,
145.5806, 155.2939

47.0734, 49.0296,
51.8315

173.5354,
181.3914, 193.7757

33.3019, 34.6430,
36.4895

212.9062,
222.6402, 238.1412

22.5182, 23.3880,
24.5198

257.8222,
269.7115, 288.8087

14.3569, 14.8802,
15.5039

308.6489,
322.9895, 346.1969

8.4526, 8.7354,
9.0233

365.7516,

4.4402, 4.5690,

382.8588, 410.7243

4.6593

429.4956,
449.7037, 482.8095

■ 1.9540, 1.9967,
1.9936

■ 0.6079, 0.6055,
0.5513

■ 85.0413, 88.7354,
94.3068

■ 85.0413, 88.7354,
94.3068

■ 76.7034, 77.4844,
74.8008

■ 91.8165, 98.3331,
108.7487

■ 69.3246, 67.3931,
57.9558

■ 62.8715, 58.4273,
43.6573

■ 57.3059, 50.5470,
31.7801

■ 52.5868, 43.7096,
22.1885

■ 48.6695, 37.8699,
14.7329

■ 45.5051, 32.9787,
9.2460

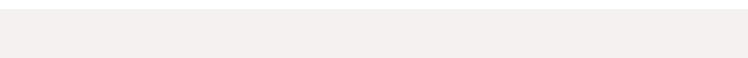
■ 43.0385, 28.9826,
5.5352

■ 41.2055, 25.8215,
3.3676

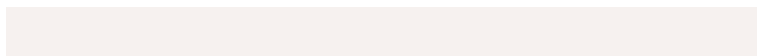
Harmonies

Analogous

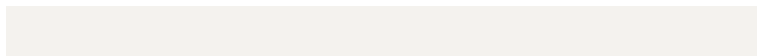
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3565, 88.7354, 95.6048



85.0413, 88.7354, 94.3068



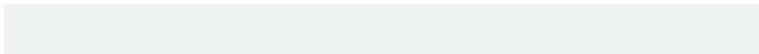
84.5391, 88.7354, 93.6306

Triad

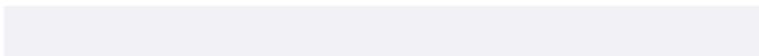
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0413, 88.7354, 94.3068



83.2907, 88.7354, 96.0499



84.6958, 88.7354, 99.5454

Complementary

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



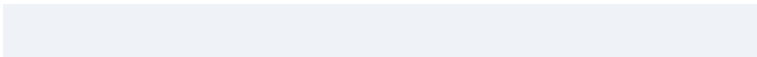
85.0413, 88.7354, 94.3068



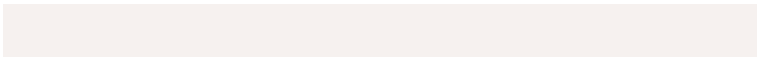
84.5818, 89.7046, 100.0467

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.



84.1418, 88.7354, 99.6678



85.0413, 88.7354, 94.3068



83.3323, 88.7354, 97.6379

Square

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



85.0413, 88.7354, 94.3068



83.5295, 88.7354, 94.6296



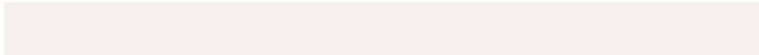
83.6432, 88.7354, 98.9662



85.1564, 88.7354, 98.6336

Rectangle

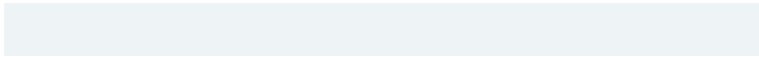
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



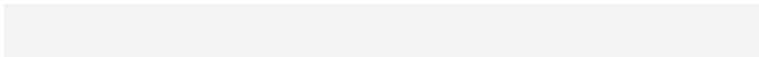
85.0413, 88.7354, 94.3068



84.1667, 88.7354, 93.6183



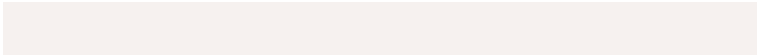
83.6432, 88.7354, 98.9662



84.5143, 88.7354, 99.6806

Sweetspot

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



85.0438, 88.7392, 94.3087



94.0643, 98.6812, 106.5594



85.2054, 87.8598, 98.0702



20.1440, 21.1358, 22.8328



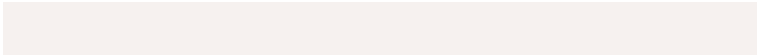
0.0000, 0.0000, 0.0000



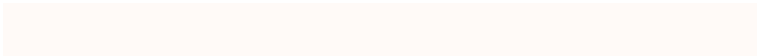
20.3446, 21.4041, 23.3091

Same Dimension

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



85.0438, 88.7392, 94.3087



92.1255, 96.0829, 101.9695



86.0835, 90.8187, 94.6553



17.9090, 18.6343, 19.6383



21.5729, 13.0315, 1.3783



1.9802, 1.3137, 0.1492

Inverse Universe

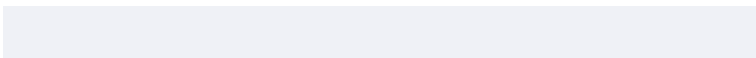
The Inverse Universe completely reimagines the original color for something new.



84.5818, 89.7046, 100.0467



91.5965, 97.1883, 108.5393



83.5448, 87.6307, 99.7011



17.7789, 18.9063, 21.2548



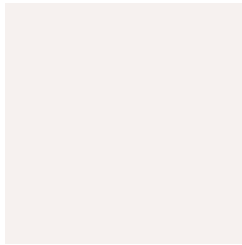
17.2460, 20.2858, 49.5446



1.6033, 1.9580, 4.3837

Previews

White Background



This preview shows how the XYZ color 85.0413, 88.7354, 94.3068 looks on a white background.

Color Contrast Check

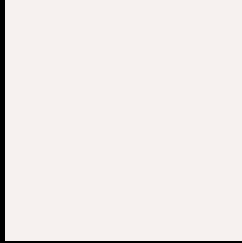
Large Text (above 18pt) WCAG AA × Fail

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 85.0413, 88.7354, 94.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

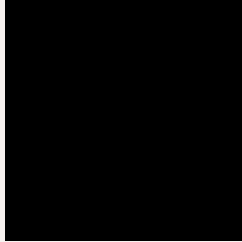
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

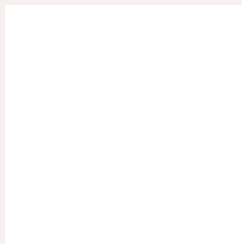
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.0413, 88.7354, 94.3068

Background



This preview shows how black text looks on a background with the XYZ color 85.0413, 88.7354, 94.3068.



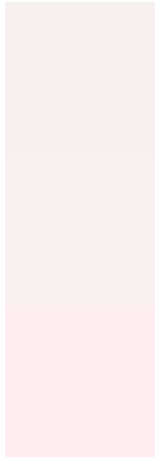
This preview shows how white text looks on a background with the XYZ color 85.0413, 88.7354,

94.368.

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

85.0413, 88.7354, 94.3068

Protanopia

85.3931, 88.9167, 94.3233

Deuteranopia

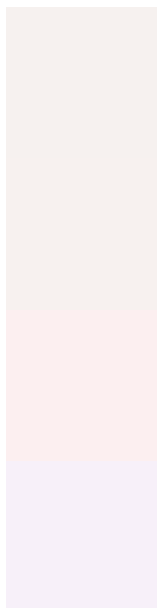
87.6917, 88.7599, 95.7296



Tritanopia

87.6279, 88.9095, 107.1505

Trichromacy



Original Color

85.0413, 88.7354, 94.3068

Protanomaly

85.3931, 88.9167, 94.3233

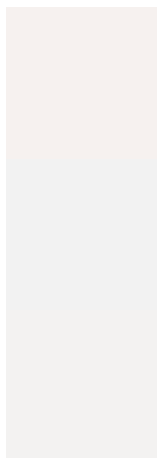
Deuteranomaly

86.7396, 88.7197, 94.9910

Tritanomaly

86.6167, 88.9339, 102.2233

Monochromacy



Original Color

85.0413, 88.7354, 94.3068

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 85.0413, 88.7354, 94.3068 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, 241, 239) looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 241, 239) }
```

Border

The CSS property to change the border of an element to XYZ 85.0413, 88.7354, 94.3068 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, 241, 239) }
```


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

```
.border{ border-color:rgb(246, 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(246, 241, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(246, 241,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0413, 88.7354, 94.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 241, 239) }
```

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

```
.background{ background-color: rgb(246,  
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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