

Converting Colors

XYZ(85.5978, 88.9233, 99.0409)

Have a look what the booklet for
XYZ(85.5978, 88.9233, 99.0409)
contains.

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Color

**XYZ(85.5929, 88.9156,
99.0374)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F1F5
RGB	245, 241, 245
RGB Percent	96%, 95%, 96%
CMY	0.0392, 0.0549, 0.0392
CMYK	0.00, 0.02, 0.00, 0.04
HSL	300°, 17%, 95%
HSV	300°, 2%, 96%
XYZ	85.5929, 88.9156, 99.0374
YIQ	242.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

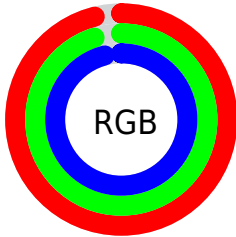
Format	Color
R _Y B	245, 241, 245
Decimal	16118261
CIE Lab	95.55, 2.04, -1.46
CIE LCh	96, 2.511, 324.413
Yxy	88.9156, 0.3129, 0.3250
Android (android.graphics.Color)	4294308341 (0xFF5F1F5)
YUV	242.6520, 1.1576, 2.0592
Hunter-Lab	94.2951, -2.9895, 3.7347

Details

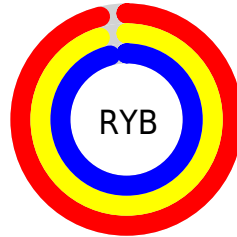
The XYZ color **85.5929, 88.9156, 99.0374** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.8085, 90.3588, 96.1947**, and the grayscale version is **84.9075, 89.3293, 97.2796**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5205, 49.1909, 55.1343** is the 20% darker color. If you saturate the color by 10%, you get **78.8240, 75.3766, 96.7822**, and if you desaturate by 10%, it is **89.8985, 97.5255, 100.4737**.

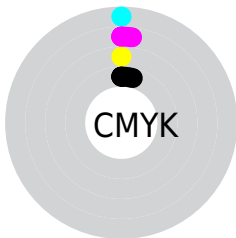
Distribution



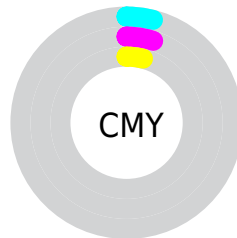
- Red (96%)
- Green (95%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.5929, 88.9156, 99.0374 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 85.5929, 88.9156, 99.0374 by changing the saturation by 10% instead.

85.5929, 88.9156,
99.0374

85.5929, 88.9156,
99.0374

502.0421,
524.4970, 578.3224

64.6555, 67.0816,
74.8845

140.1110,
145.8312, 161.8740

47.4455, 49.1509,
55.0171

174.4225,
181.6816, 201.3948

33.5974, 34.7392,
39.0167

213.9226,
222.9729, 246.8753

22.7459, 23.4621,
26.4648

258.9769,
270.0895, 298.7341

14.5256, 14.9351,
16.9428

309.9506,
323.4158, 357.3896

8.5713, 8.7738,
10.0322

367.2092,

4.5175, 4.5940,

383.3363, 423.2605

5.3144

431.1179,
450.2352, 496.7652

■ 1.9989, 2.0111,
2.3710

■ 0.6333, 0.6139,
0.7706

■ 85.5929, 88.9156,
99.0374

■ 85.5929, 88.9156,
99.0374

■ 78.8240, 75.3766,
96.7822

■ 89.8985, 97.5255,
100.4737

■ 72.9891, 63.7070,
94.8373

■ 89.8986, 97.5255,
100.4737

■ 68.0497, 53.8282,
93.1908

■ 89.8987, 97.5256,
100.4737

■ 63.9614, 45.6517,
91.8281

■ 89.8987, 97.5256,
100.4737

60.6761, 39.0814,
90.7330

89.8988, 97.5256,
100.4737

58.1411, 34.0115,
89.8880

89.8989, 97.5257,
100.4737

56.2972, 30.3238,
89.2734

89.8990, 97.5257,
100.4737

55.0764, 27.8822,
88.8665

89.8991, 97.5258,
100.4737

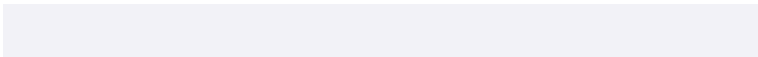
54.3969, 26.5234,
88.6400

89.8991, 97.5258,
100.4737

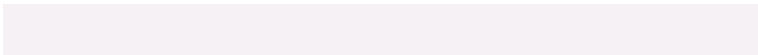
Harmonies

Analogous

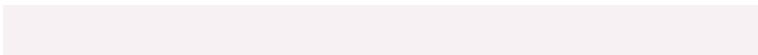
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.0600, 88.9156, 100.3080



85.5929, 88.9156, 99.0374



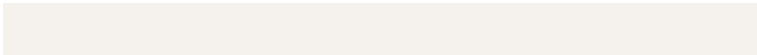
85.8362, 88.9156, 97.1836

Triad

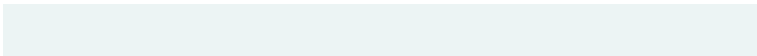
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.5929, 88.9156, 99.0374



84.6406, 88.9156, 93.0890



83.3117, 88.9156, 98.3896

Complementary

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



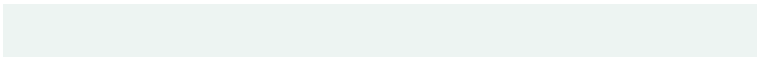
85.5929, 88.9156, 99.0374



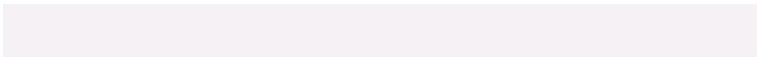
84.8085, 90.3588, 96.1947

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.



83.2007, 88.9156, 96.4453



85.5929, 88.9156, 99.0374



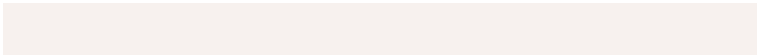
83.9656, 88.9156, 93.4021

Square

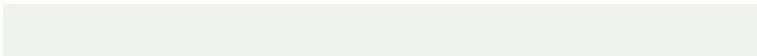
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.5929, 88.9156, 99.0374



85.2844, 88.9156, 93.7630



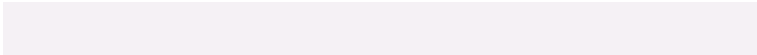
83.4395, 88.9156, 94.6241



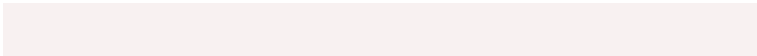
83.7435, 88.9156, 99.9304

Rectangle

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



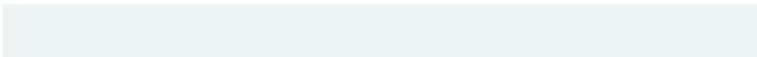
85.5929, 88.9156, 99.0374



85.8004, 88.9156, 95.8732



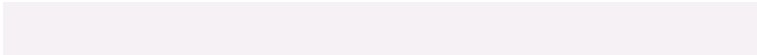
83.4395, 88.9156, 94.6241



83.2358, 88.9156, 97.7608

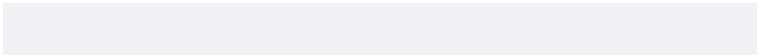
Sweetspot

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



85.5954, 88.9194, 99.0393

95.0500, 100.0000, 108.9000



84.2360, 88.2479, 98.9814



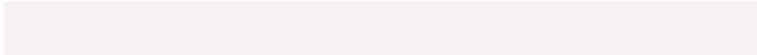
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

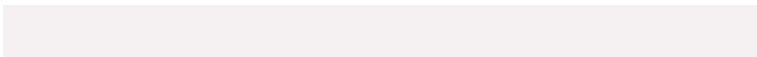
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5954, 88.9194, 99.0393



93.4445, 96.7891, 108.3648



85.3020, 88.8021, 97.4943



18.3312, 19.0033, 21.2444



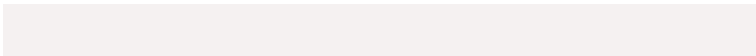
29.1646, 14.0092, 47.7049



2.5633, 1.2313, 4.1928

Inverse Universe

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



84.9918, 88.6780, 95.8606



92.6342, 96.4649, 104.0976



85.0987, 90.4749, 97.7224



18.1808, 18.9431, 20.4522



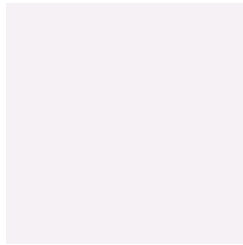
20.2862, 10.4579, 0.9494



1.7830, 0.9191, 0.0835

Previews

White Background



This preview shows how the XYZ color 85.5929, 88.9156, 99.0374 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 85.5929, 88.9156, 99.0374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

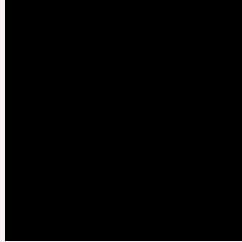
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

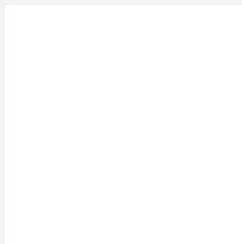
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.5929, 88.9156, 99.0374

Background



This preview shows how black text looks on a background with the XYZ color 85.5929, 88.9156, 99.0374.



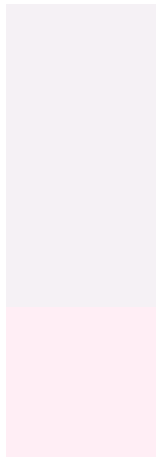
This preview shows how white text looks on a background with the XYZ color 85.5929, 88.9156,

99.074.

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

85.5929, 88.9156, 99.0374

Protanopia

85.5929, 88.9156, 99.0374

Deuteranopia

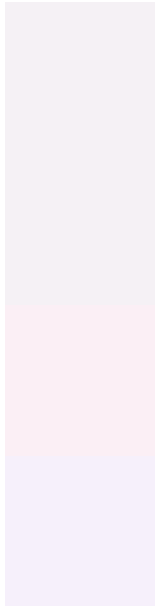
88.2960, 89.0016, 98.9115



Tritanopia

87.2161, 89.1330, 107.2153

Trichromacy



Original Color

85.5929, 88.9156, 99.0374

Protanomaly

85.5929, 88.9156, 99.0374

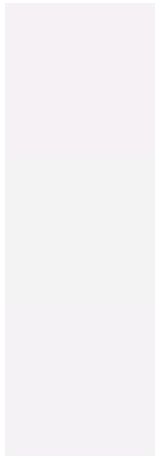
Deuteranomaly

87.1316, 88.8348, 98.9407

Tritanomaly

86.5787, 88.8780, 103.8588

Monochromacy



Original Color

85.5929, 88.9156, 99.0374

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.3895, 89.2690, 98.3181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.5929, 88.9156, 99.0374 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, 241, 245) looks like.

```
.text, #text, p{  
    color:rgb(245, 241, 245)  
}
```

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, 241, 245) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 85.5929, 88.9156, 99.0374 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, 241, 245) }
```

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

```
.border{ border-color:rgb(245, 241, 245) }
```

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

Here you see how a box with a 4 pixel rgb(245, 241, 245) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 85.5929, 88.9156, 99.0374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(245,  
241, 245) }
```

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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