

Converting Colors

XYZ(85.5587, 89.4008, 95.1330)

Have a look what the booklet for
XYZ(85.5587, 89.4008, 95.1330)
contains.

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Color

**XYZ(85.4863, 89.3884,
95.1861)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F2F0
RGB	246, 242, 240
RGB Percent	96%, 95%, 94%
CMY	0.0353, 0.0510, 0.0588
CMYK	0.00, 0.02, 0.02, 0.04
HSL	20°, 25%, 95%
HSV	20°, 2%, 96%
XYZ	85.4863, 89.3884, 95.1861
YIQ	242.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

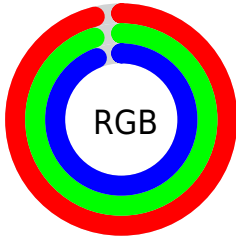
Format	Color
R_{YB}	246, 243, 240
Decimal	16184048
CIE Lab	95.74, 0.99, 1.42
CIE LCh	96, 1.735, 55.180
Yxy	89.3884, 0.3165, 0.3310
Android (android.graphics.Color)	4294374128 (0xFF6F2F0)
YUV	242.9680, -1.4632, 2.6591
Hunter-Lab	94.5454, -4.0580, 6.4900

Details

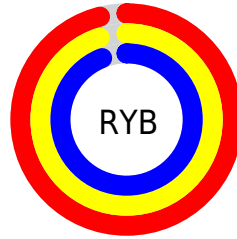
The XYZ color **85.4863, 89.3884, 95.1861** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.9202, 89.8790, 100.0624**, and the grayscale version is **85.1778, 89.6136, 97.5892**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4458, 49.5257, 52.4061** is the 20% darker color. If you saturate the color by 10%, you get **77.4182, 78.7086, 75.6727**, and if you desaturate by 10%, it is **91.8165, 98.3331, 108.7487**.

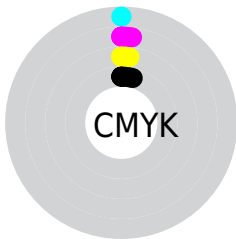
Distribution



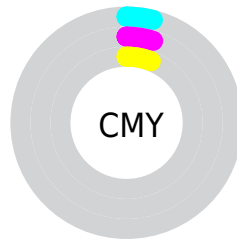
- Red (96%)
- Green (95%)
- Blue (94%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.4863, 89.3884, 95.1861 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 85.4863, 89.3884, 95.1861 by changing the saturation by 10% instead.

85.4863, 89.3884,
95.1861

85.4863, 89.3884,
95.1861

501.6953,
526.0393, 565.7601

64.5671, 67.4735,
71.6921

139.9629,
146.4886, 156.5195

47.3735, 49.4695,
52.4219

174.2511,
182.4426, 195.1960

33.5402, 34.9921,
36.9569

213.7263,
223.8452, 239.7704

22.7018, 23.6568,
24.8786

258.7539,
271.0806, 290.6612

14.4930, 15.0792,
15.7685

309.6992,
324.5334, 348.2871

8.5483, 8.8750,
9.2079

366.9277,

4.5025, 4.6597,

384.5878, 413.0665

4.7784

430.8046,
451.6283, 485.4180

■ 1.9902, 2.0490,
2.0614

■ 0.6284, 0.6357,
0.5926

■ 85.4863, 89.3884,
95.1861

■ 85.4863, 89.3884,
95.1861

■ 77.4182, 78.7086,
75.6727

■ 91.8165, 98.3331,
108.7487

■ 70.2486, 69.0660,
58.8043

■ 63.9471, 60.4321,
44.4674

■ 58.4785, 52.7730,
32.5385

■ 53.8052, 46.0529,
22.8832

■ 49.8861, 40.2333,
15.3539

■ 46.6764, 35.2732,
9.7853

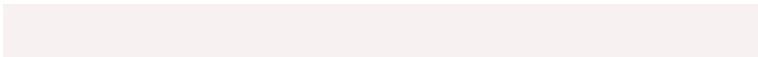
■ 44.1255, 31.1275,
5.9874

■ 42.1743, 27.7460,
3.7310

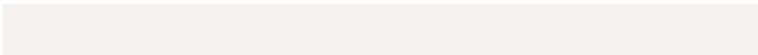
Harmonies

Analogous

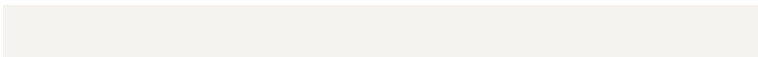
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.7946, 89.3884, 96.2143



85.4863, 89.3884, 95.1861



85.0382, 89.3884, 94.7321

Triad

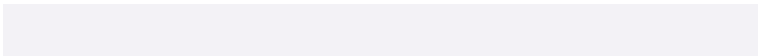
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.4863, 89.3884, 95.1861



84.0494, 89.3884, 97.1080



85.3522, 89.3884, 99.7277

Complementary

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



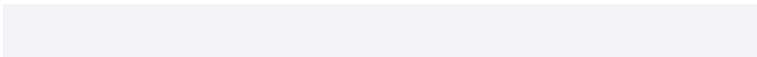
85.4863, 89.3884, 95.1861



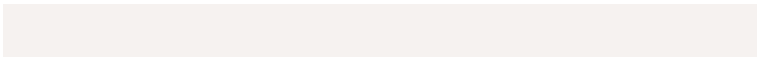
84.9202, 89.8790, 100.0624

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.



84.8839, 89.3884, 99.9724



85.4863, 89.3884, 95.1861



84.1328, 89.3884, 98.4518

Square

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



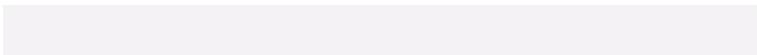
85.4863, 89.3884, 95.1861



84.2095, 89.3884, 95.8351



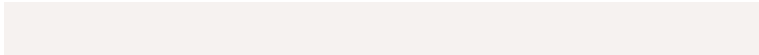
84.4378, 89.3884, 99.5034



85.7169, 89.3884, 98.8379

Rectangle

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



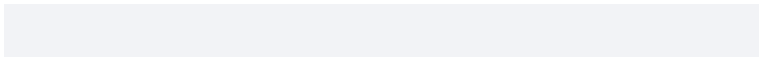
85.4863, 89.3884, 95.1861



84.7208, 89.3884, 94.8131



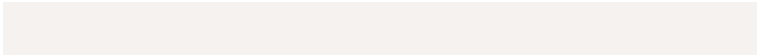
84.4378, 89.3884, 99.5034



85.2016, 89.3884, 99.8885

Sweetspot

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



85.4888, 89.3923, 95.1880



94.1028, 98.7582, 106.5723



85.4964, 88.4459, 98.1547



20.1519, 21.1514, 22.8354



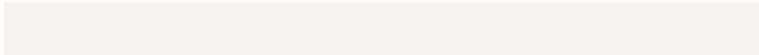
0.0000, 0.0000, 0.0000



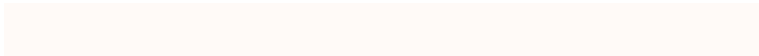
20.3446, 21.4041, 23.3091

Same Dimension

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



85.4888, 89.3923, 95.1880



92.2389, 96.3097, 102.0072



86.3877, 91.1900, 95.4877



17.9369, 18.6900, 19.6476



22.0191, 13.9238, 1.5270



2.0260, 1.4052, 0.1645

Inverse Universe

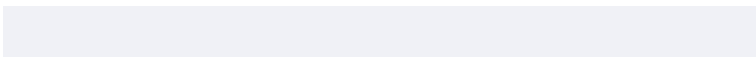
The Inverse Universe completely reimagines the original color for something new.



84.9202, 89.8790, 100.0624



91.4814, 96.9580, 108.5009



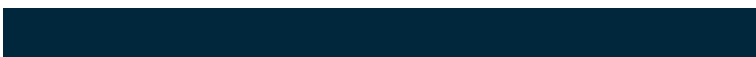
84.0262, 88.0910, 99.7644



17.7505, 18.8495, 21.2453



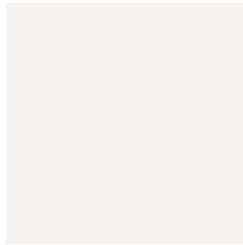
16.0816, 17.9570, 49.1565



1.5077, 1.7669, 4.3518

Previews

White Background



This preview shows how the XYZ color 85.4863, 89.3884, 95.1861 looks on a white background.

Color Contrast Check

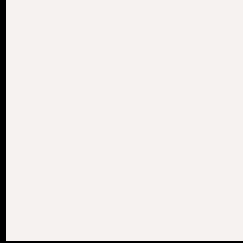
Large Text (above 18pt) WCAG AA × Fail

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 85.4863, 89.3884, 95.1861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

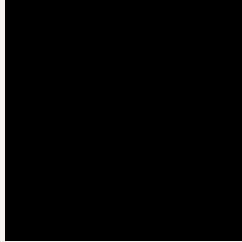
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

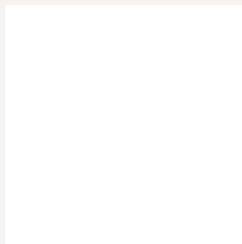
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.4863, 89.3884, 95.1861

Background



This preview shows how black text looks on a background with the XYZ color 85.4863, 89.3884, 95.1861.



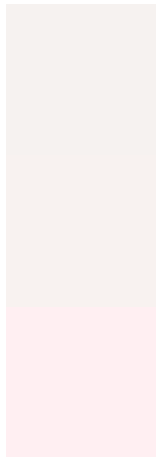
This preview shows how white text looks on a background with the XYZ color 85.4863, 89.3884,

95.1861.

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

85.4863, 89.3884, 95.1861

Protanopia

86.1917, 89.7520, 95.2192

Deuteranopia

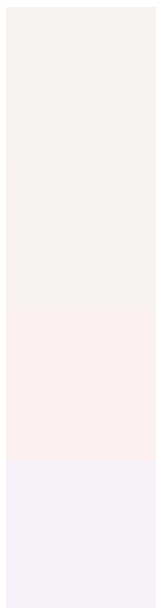
88.1335, 89.4038, 96.6159



Tritanopia

87.9215, 89.4966, 107.2484

Trichromacy



Original Color

85.4863, 89.3884, 95.1861

Protanomaly

85.8381, 89.5697, 95.2026

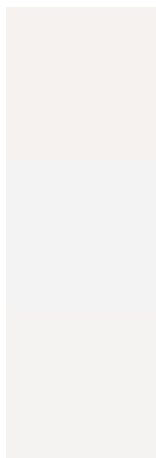
Deuteranomaly

87.1822, 89.3665, 95.8736

Tritanomaly

87.0684, 89.5869, 103.1455

Monochromacy



Original Color

85.4863, 89.3884, 95.1861

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 85.4863, 89.3884, 95.1861 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, 240) looks like.

```
.text, #text, p{  
    color:rgb(246, 242, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 242, 240) }
```

Border

The CSS property to change the border of an element to XYZ 85.4863, 89.3884, 95.1861 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, 240) }
```


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

```
.border{ border-color:rgb(246, 242, 240) }
```

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, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 242, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 242, 240);  
box-shadow:4px 4px 4px 4px rgb(246, 242,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 85.4863, 89.3884, 95.1861 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, 240) }
```

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

```
.background{ background-color: rgb(246,  
242, 240) }
```

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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