

Converting Colors

XYZ(85.2216, 87.8185, 99.0367)

Have a look what the booklet for
XYZ(85.2216, 87.8185, 99.0367)
contains.

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Color

**XYZ(85.3540, 87.9184,
98.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EFF5
RGB	246, 239, 245
RGB Percent	96%, 94%, 96%
CMY	0.0353, 0.0627, 0.0392
CMYK	0.00, 0.03, 0.00, 0.04
HSL	309°, 28%, 95%
HSV	309°, 3%, 96%
XYZ	85.3540, 87.9184, 98.8575
YIQ	241.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

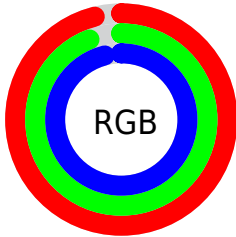
Format	Color
RYB	246, 239, 245
Decimal	16183285
CIELab	95.13, 3.40, -2.07
CIElCh	95, 3.975, 328.695
Yxy	87.9184, 0.3137, 0.3231
Android (android.graphics.Color)	4294373365 (0xFFFF6EFF5)
YUV	241.7770, 1.5889, 3.7036
Hunter-Lab	93.7648, -1.6001, 3.1251

Details

The XYZ color **85.3540, 87.9184, 98.8575** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.2839, 90.5559, 95.4794**, and the grayscale version is **84.2106, 88.5961, 96.4811**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3540, 48.4882, 55.0075** is the 20% darker color. If you saturate the color by 10%, you get **78.1057, 74.2717, 93.8186**, and if you desaturate by 10%, it is **90.7905, 97.9227, 103.3449**.

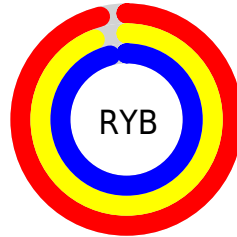
Distribution



Red (96%)

Green (94%)

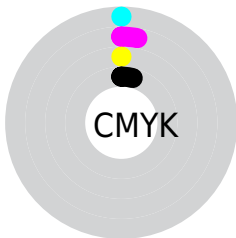
Blue (96%)



Red (96%)

Yellow (94%)

Blue (96%)

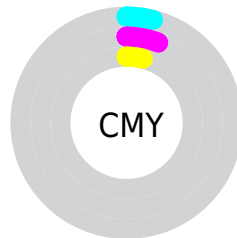


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (4%)



Cyan (4%)


Magenta (6%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.3540, 87.9184, 98.8575 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 85.3540, 87.9184, 98.8575 by changing the saturation by 10% instead.


 85.3540, 87.9184,
98.8575

 85.3540, 87.9184,
98.8575


501.2648,
521.2360, 577.7388

 64.4574, 66.2555,
74.7352

139.7791,
144.4435, 161.6244

 47.2843, 48.4798,
54.8955


174.0384,
180.0746, 201.1060

 33.4694, 34.2070,
38.9201


213.4826,
221.1304, 246.5446

 22.6472, 23.0527,
26.3902

258.4770,
267.9955, 298.3585

 14.4525, 14.6324,
16.8874

309.3871,
321.0542, 356.9663

 8.5198, 8.5618,
9.9931

366.5782,

 4.4839, 4.4565,

380.6909, 422.7866

5.2889

430.4156,
447.2901, 496.2379

■ 1.9794, 1.9321,
2.3560

■ 0.6223, 0.5675,
0.7624

■ 85.3540, 87.9184,
98.8575

■ 85.3540, 87.9184,
98.8575

■ 78.1057, 74.2717,
93.8186

■ 90.7905, 97.9227,
103.3449

■ 71.8059, 62.5070,
89.1449

■ 91.3429, 98.1436,
106.2539

■ 66.4151, 52.5440,
84.8240

■ 91.8166, 98.3331,
108.7487

■ 61.8880, 44.2925,
80.8405

■ 58.1755, 37.6542,
77.1778

■ 55.2236, 32.5212,
73.8176

■ 52.9715, 28.7720,
70.7393

■ 51.3491, 26.2665,
67.9192

■ 50.2715, 24.8350,
65.3289

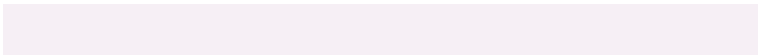
Harmonies

Analogous

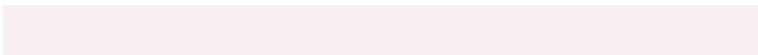
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.5667, 87.9184, 101.0503



85.3540, 87.9184, 98.8575



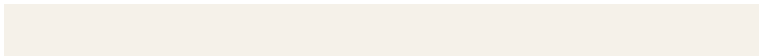
85.6610, 87.9184, 95.8639

Triad

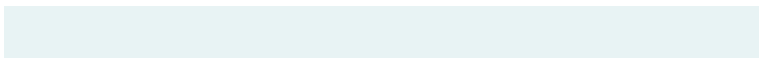
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3540, 87.9184, 98.8575



83.6112, 87.9184, 89.8942



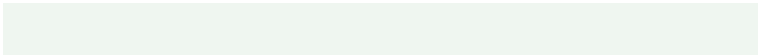
81.7521, 87.9184, 98.6176

Complementary

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



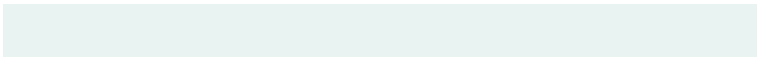
85.3540, 87.9184, 98.8575



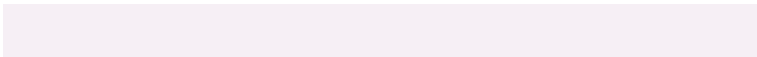
84.2839, 90.5559, 95.4794

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.



81.5011, 87.9184, 95.5926



85.3540, 87.9184, 98.8575



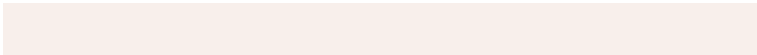
82.5688, 87.9184, 90.5963

Square

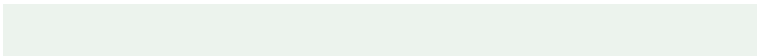
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



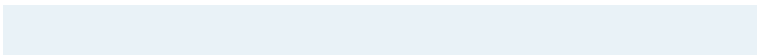
85.3540, 87.9184, 98.8575



84.6494, 87.9184, 90.7271



81.7988, 87.9184, 92.6656



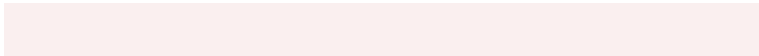
82.4875, 87.9184, 100.9098

Rectangle

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



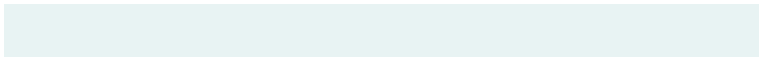
85.3540, 87.9184, 98.8575



85.5500, 87.9184, 93.8310



81.7988, 87.9184, 92.6656



81.6086, 87.9184, 97.6508

Sweetspot

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



85.3565, 87.9222, 98.8594



94.1832, 98.3603, 108.3218



83.4173, 86.9048, 99.5679



20.1682, 21.0704, 23.1914



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.



85.3565, 87.9222, 98.8594



92.4823, 95.1456, 107.1780



84.8375, 87.7146, 96.1261



17.9973, 18.4049, 20.9190



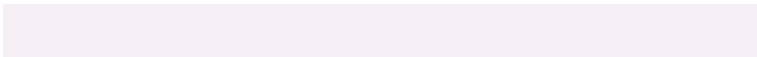
26.5911, 12.9799, 34.1506



2.3644, 1.1517, 3.1454

Inverse Universe

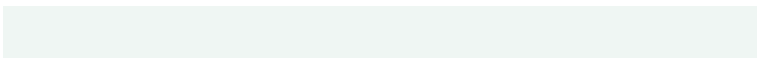
The Inverse Universe completely reimagines the original color for something new.



85.3565, 87.9222, 98.8594



92.4823, 95.1456, 107.1780



84.7985, 90.7618, 98.1895



17.9973, 18.4049, 20.9190



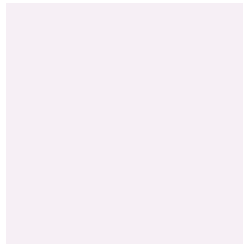
26.5911, 12.9799, 34.1506



2.3644, 1.1517, 3.1454

Previews

White Background



This preview shows how the XYZ color 85.3540, 87.9184, 98.8575 looks on a white background.

Color Contrast Check

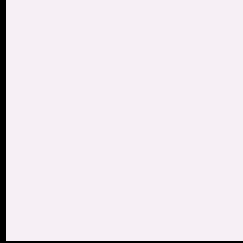
Large Text (above 18pt) WCAG AA × Fail

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 85.3540, 87.9184, 98.8575 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

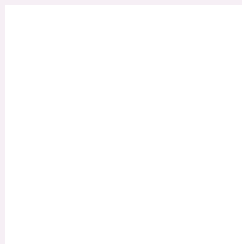
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3540, 87.9184, 98.8575

Background



This preview shows how black text looks on a background with the XYZ color 85.3540, 87.9184, 98.8575.



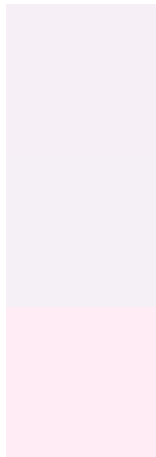
This preview shows how white text looks on a background with the XYZ color 85.3540, 87.9184,

98.8575.

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

85.3540, 87.9184, 98.8575

Protanopia

84.9497, 88.1458, 98.9227

Deuteranopia

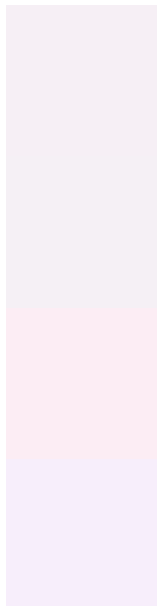
87.5646, 87.7826, 97.9165



Tritanopia

86.9823, 88.1432, 107.0366

Trichromacy



Original Color

85.3540, 87.9184, 98.8575

Protanomaly

85.2977, 88.3252, 98.9390

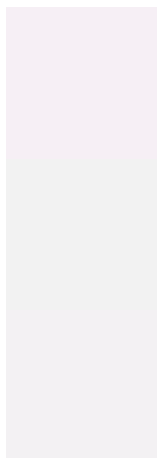
Deuteranomaly

86.7582, 87.7955, 97.9615

Tritanomaly

86.3449, 87.8883, 103.6801

Monochromacy



Original Color

85.3540, 87.9184, 98.8575

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.5951, 88.4363, 97.4053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3540, 87.9184, 98.8575 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, 239, 245) looks like.

```
.text, #text, p{  
    color:rgb(246, 239, 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(246, 239, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 239, 245) }
```

Border

The CSS property to change the border of an element to XYZ 85.3540, 87.9184, 98.8575 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, 239, 245) }
```


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

```
.border{ border-color:rgb(246, 239, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 239, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 239, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 239, 245);  
box-shadow:4px 4px 4px 4px rgb(246, 239,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3540, 87.9184, 98.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 239, 245) }
```

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

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