

Converting Colors

XYZ(84.4610, 87.5710, 94.1293)

Have a look what the booklet for
XYZ(84.4610, 87.5710, 94.1293)
contains.

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Color

**XYZ(84.4525, 87.5578,
94.1106)**

Conversions

Conversions Part 1

Format	Color
Hex	F6EFEF
RGB	246, 239, 239
RGB Percent	96%, 94%, 94%
CMY	0.0353, 0.0627, 0.0627
CMYK	0.00, 0.03, 0.03, 0.04
HSL	0°, 28%, 95%
HSV	0°, 3%, 96%
XYZ	84.4525, 87.5578, 94.1106
YIQ	241.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

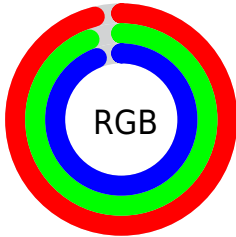
Format	Color
R _Y B	246, 239, 239
Decimal	16183279
CIE Lab	94.97, 2.35, 0.82
CIE LCh	95, 2.488, 19.318
Yxy	87.5578, 0.3173, 0.3290
Android (android.graphics.Color)	4294373359 (0xFF6E6E6E)
YUV	241.0930, -1.0318, 4.3034
Hunter-Lab	93.5723, -2.6487, 5.8696

Details

The XYZ color **84.4525, 87.5578, 94.1106** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.1869, 90.9148, 100.2484**, and the grayscale version is **83.6900, 88.0484, 95.8847**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7159, 48.2330, 51.6475** is the 20% darker color. If you saturate the color by 10%, you get **74.3485, 72.7747, 74.0159**, and if you desaturate by 10%, it is **91.8165, 98.3331, 108.7487**.

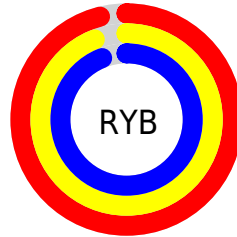
Distribution



Red (96%)

Green (94%)

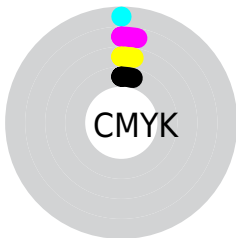
Blue (94%)



Red (96%)

Yellow (94%)

Blue (94%)

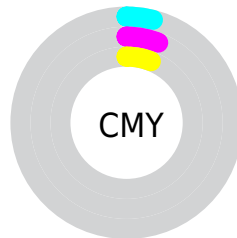


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (4%)



Cyan (4%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.4525, 87.5578, 94.1106 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 84.4525, 87.5578, 94.1106 by changing the saturation by 10% instead.

84.4525, 87.5578,
94.1106

84.4525, 87.5578,
94.1106

498.3257,
520.0540, 562.2252

63.7101, 65.9569,
70.8022

138.5260,
143.9414, 155.0203

46.6767, 48.2374,
51.6999

172.5877,
179.4928, 193.4586

32.9870, 34.0149,
36.3853

211.8199,
220.4633, 237.7773

22.2757, 22.9051,
24.4399

256.5880,
267.2371, 288.3949

14.1773, 14.5234,
15.4451

307.2572,
320.1987, 345.7299

8.3266, 8.4856,
8.9822

364.1930,

4.3582, 4.4072,

379.7324, 410.2010

4.6329

427.7607,
446.2228, 482.2265

■ 1.9067, 1.9039,
1.9786

■ 0.5807, 0.5507,
0.5421

■ 84.4525, 87.5578,
94.1106

■ 84.4525, 87.5578,
94.1106

■ 74.3485, 72.7747,
74.0159

■ 91.8165, 98.3331,
108.7487

■ 65.6567, 60.0573,
56.7332

■ 58.3164, 49.3171,
42.1390

■ 52.2599, 40.4549,
30.0982

■ 47.4133, 33.3627,
20.4640

■ 43.6955, 27.9219,
13.0749

■ 41.0152, 23.9991,
7.7494

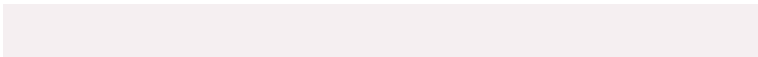
■ 39.2674, 21.4404,
4.2782

■ 38.3245, 20.0595,
2.4072

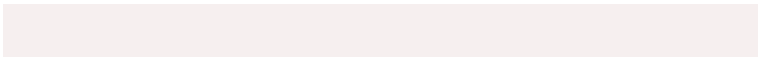
Harmonies

Analogous

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



84.5036, 87.5578, 96.0265



84.4525, 87.5578, 94.1106



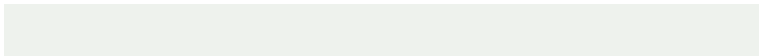
84.0704, 87.5578, 92.5431

Triad

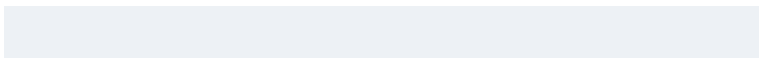
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.4525, 87.5578, 94.1106



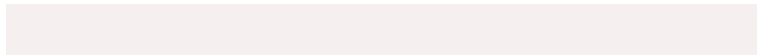
82.2402, 87.5578, 92.9319



82.9806, 87.5578, 99.0369

Complementary

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



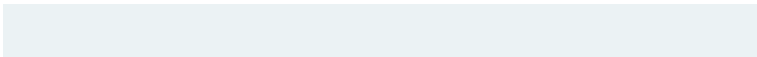
84.4525, 87.5578, 94.1106



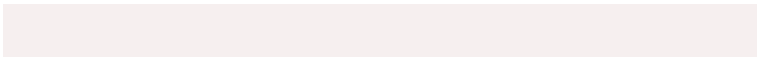
85.1869, 90.9148, 100.2484

Split Complementary

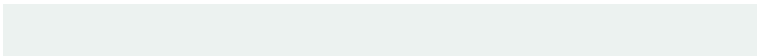
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.3775, 87.5578, 98.1836



84.4525, 87.5578, 94.1106



81.9516, 87.5578, 94.6479

Square

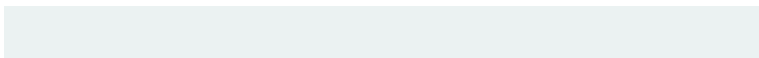
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



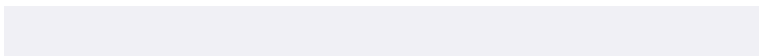
84.4525, 87.5578, 94.1106



82.7922, 87.5578, 91.8690



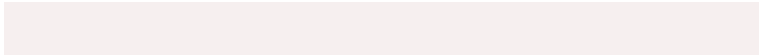
82.0017, 87.5578, 96.5711



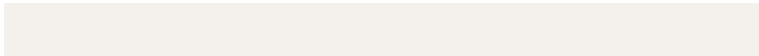
83.6514, 87.5578, 98.8883

Rectangle

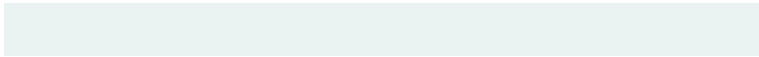
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



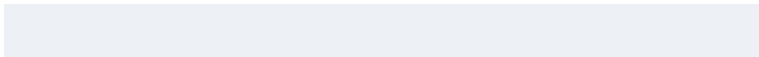
84.4525, 87.5578, 94.1106



83.6805, 87.5578, 91.8985



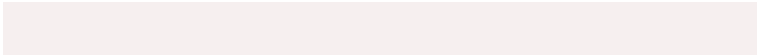
82.0017, 87.5578, 96.5711



82.7633, 87.5578, 98.8573

Sweetspot

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



84.4550, 87.5616, 94.1125



93.8345, 98.2216, 106.4828



85.5083, 87.9810, 99.6652



20.0972, 21.0422, 22.8172



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.



84.4550, 87.5616, 94.1125



91.4519, 94.7356, 101.7449



85.4884, 89.6284, 94.4570



17.7439, 18.3041, 19.5832



20.2874, 10.4603, 0.9498



1.7833, 0.9199, 0.0836

Inverse Universe

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



85.1869, 90.9148, 100.2484



92.2899, 98.5750, 108.7704



84.1336, 88.8082, 99.8973



17.9501, 19.2488, 21.3119



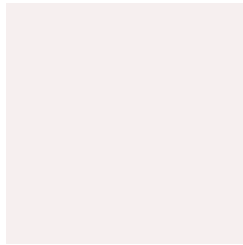
26.4464, 38.6865, 52.6114



2.3246, 3.4007, 4.6241

Previews

White Background



This preview shows how the XYZ color 84.4525, 87.5578, 94.1106 looks on a white background.

Color Contrast Check

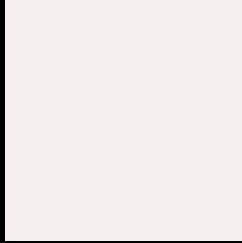
Large Text (above 18pt) WCAG AA × Fail

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 84.4525, 87.5578, 94.1106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

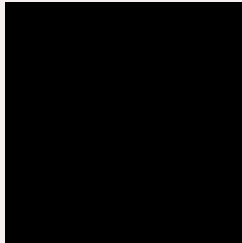
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

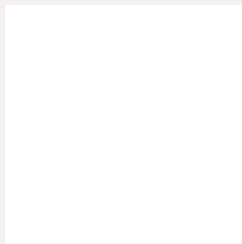
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.4525, 87.5578, 94.1106

Background



This preview shows how black text looks on a background with the XYZ color 84.4525, 87.5578, 94.1106.



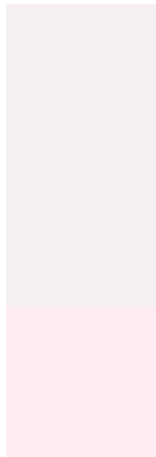
This preview shows how white text looks on a background with the XYZ color 84.4525, 87.5578,

94.1 06.

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

84.4525, 87.5578, 94.1106

Protanopia

84.1027, 87.3775, 94.0942

Deuteranopia

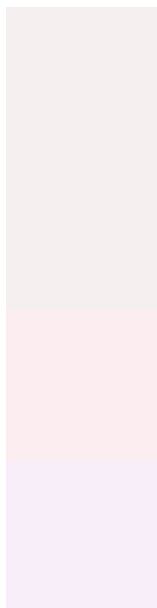
86.9636, 87.5422, 94.7519



Tritanopia

87.0456, 87.7448, 106.9564

Trichromacy



Original Color

84.4525, 87.5578, 94.1106

Protanomaly

84.1027, 87.3775, 94.0942

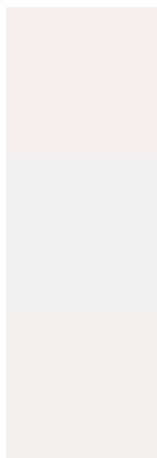
Deuteranomaly

86.1572, 87.5551, 94.7969

Tritanomaly

86.0312, 87.7628, 102.0281

Monochromacy



Original Color

84.4525, 87.5578, 94.1106

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.8504, 87.6661, 94.9399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4525, 87.5578, 94.1106 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, 239) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 84.4525, 87.5578, 94.1106 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, 239) }
```


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

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

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

Background

The CSS property to change the background color of an element to XYZ 84.4525, 87.5578, 94.1106 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, 239) }
```

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

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