

Converting Colors

XYZ(86.6554, 88.6182, 94.1094)

Have a look what the booklet for
XYZ(86.6554, 88.6182, 94.1094)
contains.

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Color

**XYZ(86.5914, 88.6604,
94.2107)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FCEFEF |
| RGB | 252, 239, 239 |
| RGB Percent | 99%, 94%, 94% |
| CMY | 0.0118, 0.0627, 0.0627 |
| CMYK | 0.00, 0.05, 0.05, 0.01 |
| HSL | 0°, 68%, 96% |
| HSV | 0°, 5%, 99% |
| XYZ | 86.5914, 88.6604, 94.2107 |
| YIQ | 242.8870, 7.7480, 2.7560 |

Conversions

Conversions Part 2

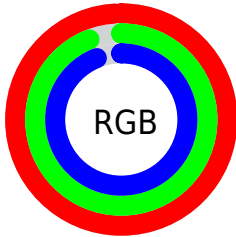
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 252, 239, 239 |
| Decimal | 16576495 |
| CIE Lab | 95.44, 4.37, 1.56 |
| CIE LCh | 95, 4.641, 19.580 |
| Yxy | 88.6604, 0.3213, 0.3290 |
| Android (android.graphics.Color) | 4294766575 (0xFFFCFEFE) |
| YUV | 242.8870, -1.9163, 7.9921 |
| Hunter-Lab | 94.1597, -0.6266, 6.5896 |

Details

The XYZ color **86.5914, 88.6604, 94.2107** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.9777, 94.9986, 105.7964**, and the grayscale version is **85.1141, 89.5467, 97.5164**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9864, 48.8880, 51.7069** is the 20% darker color. If you saturate the color by 10%, you get **76.2571, 73.5395, 73.6609**, and if you desaturate by 10%, it is **93.9554, 99.4357, 108.8488**.

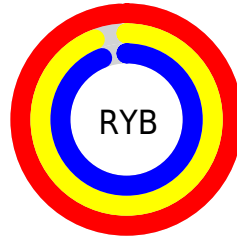
Distribution



Red (99%)

Green (94%)

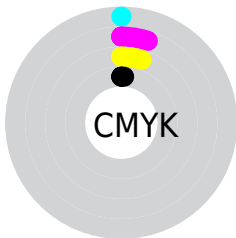
Blue (94%)



Red (99%)

Yellow (94%)

Blue (94%)

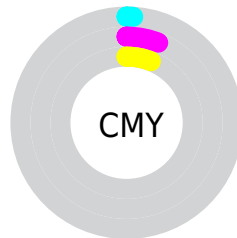


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (1%)



Cyan (1%)


Magenta (6%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.5914, 88.6604, 94.2107 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 86.5914, 88.6604, 94.2107 by changing the saturation by 10% instead.


 86.5914, 88.6604,
94.2107

 86.5914, 88.6604,
94.2107


505.2840,
523.6635, 562.5547

 65.4840, 66.8701,
70.8850


141.4971,
145.4762, 155.1599

 48.1198, 48.9791,
51.7671


176.0261,
181.2706, 193.6204

 34.1334, 34.6029,
36.4385


215.7597,
222.5017, 237.9630

 23.1595, 23.3571,
24.4807

261.0632,
269.5541, 288.6060

 14.8327, 14.8574,
15.4751

312.3021,
322.8120, 345.9682

 8.7876, 8.7194,
9.0032

369.8416,

 4.6589, 4.5586,

382.6600, 410.4680

4.6464

434.0471,
449.4824, 482.5240

■ 2.0812, 1.9907,
1.9862

■ 0.6790, 0.6021,
0.5468

■ 86.5914, 88.6604,
94.2107

■ 86.5914, 88.6604,
94.2107

■ 76.2571, 73.5395,
73.6609

■ 93.9554, 99.4357,
108.8488

■ 67.4038, 60.5852,
56.0591

■ 59.9659, 49.7016,
41.2720

■ 53.8700, 40.7817,
29.1536

■ 49.0363, 33.7083,
19.5449

■ 45.3763, 28.3524,
12.2703

■ 42.7903, 24.5677,
7.1311

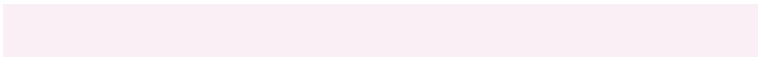
■ 41.1619, 22.1843,
3.8959

■ 40.3479, 20.9925,
2.2797

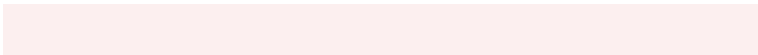
Harmonies

Analogous

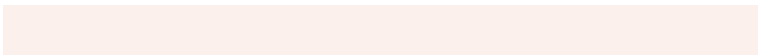
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.6943, 88.6604, 97.8068



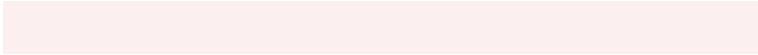
86.5914, 88.6604, 94.2107



85.8627, 88.6604, 91.3078

Triad

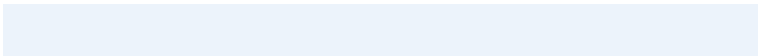
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5914, 88.6604, 94.2107



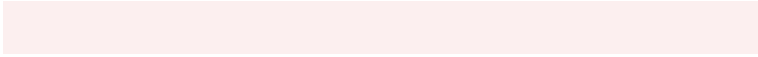
82.4231, 88.6604, 92.0711



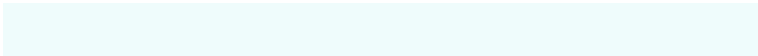
83.8281, 88.6604, 103.5809

Complementary

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



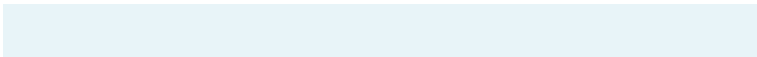
86.5914, 88.6604, 94.2107



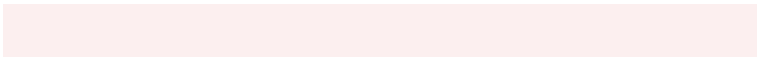
87.9777, 94.9986, 105.7964

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.



82.6952, 88.6604, 101.9603



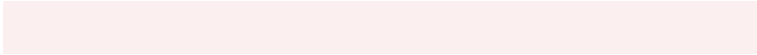
86.5914, 88.6604, 94.2107



81.8895, 88.6604, 95.2764

Square

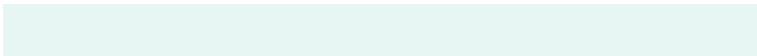
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.5914, 88.6604, 94.2107



83.4531, 88.6604, 90.0941



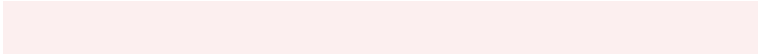
81.9886, 88.6604, 98.8995



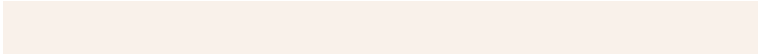
85.0903, 88.6604, 103.2781

Rectangle

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



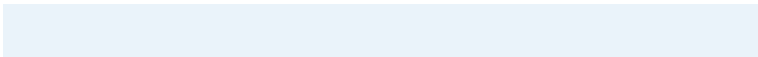
86.5914, 88.6604, 94.2107



85.1241, 88.6604, 90.1276



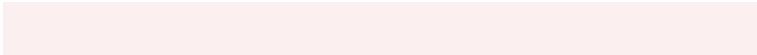
81.9886, 88.6604, 98.8995



83.4197, 88.6604, 103.2414

Sweetspot

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



86.5939, 88.6643, 94.2126



92.6347, 96.4659, 104.0977



88.5834, 89.4581, 104.6950



19.8529, 20.6847, 22.3315



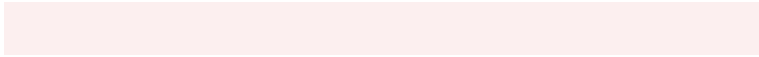
0.0000, 0.0000, 0.0000



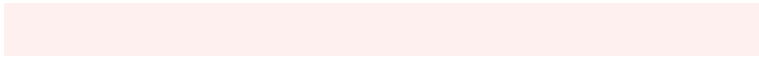
20.3446, 21.4041, 23.3091

Same Dimension

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



86.5939, 88.6643, 94.2126



87.9969, 89.6800, 94.8766



88.5301, 92.5366, 94.8580



17.8836, 18.1603, 19.1479



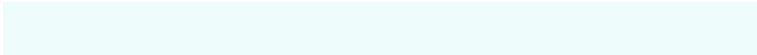
20.9126, 10.7818, 0.9789



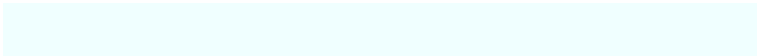
1.9370, 0.9989, 0.0907

Inverse Universe

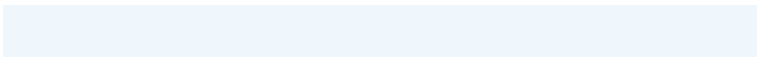
The Inverse Universe completely reimagines the original color for something new.



87.9777, 94.9986, 105.7964



89.6419, 97.2097, 108.6465



85.9725, 90.9881, 105.1280



18.2550, 19.8602, 22.2566



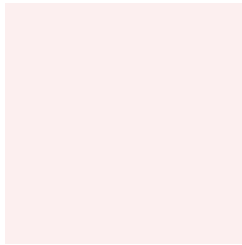
27.2730, 39.9016, 54.2379



2.5261, 3.6959, 5.0234

Previews

White Background



This preview shows how the XYZ color 86.5914, 88.6604, 94.2107 looks on a white background.

Color Contrast Check

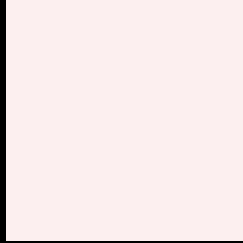
Large Text (above 18pt) WCAG AA × Fail

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 86.5914, 88.6604, 94.2107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

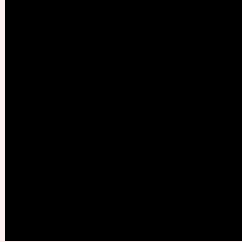
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

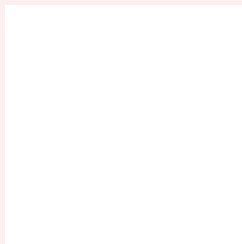
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.5914, 88.6604, 94.2107

Background



This preview shows how black text looks on a background with the XYZ color 86.5914, 88.6604, 94.2107.

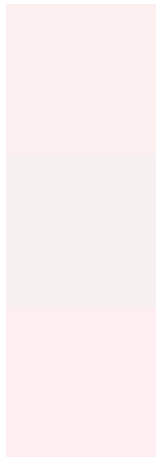


This preview shows how white text looks on a background with the XYZ color 86.5914, 88.6604,

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

86.5914, 88.6604, 94.2107

Protanopia

85.1895, 88.7947, 95.0872

Deuteranopia

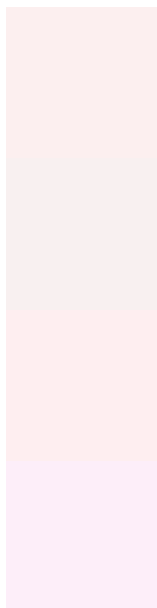
87.6917, 88.7599, 95.7296



Tritanopia

89.2072, 88.8592, 107.0576

Trichromacy



Original Color

86.5914, 88.6604, 94.2107

Protanomaly

85.5997, 88.5679, 95.0218

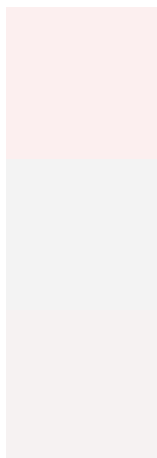
Deuteranomaly

87.1758, 88.5112, 94.9278

Tritanomaly

88.1814, 88.8713, 102.1287

Monochromacy



Original Color

86.5914, 88.6604, 94.2107

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.7852, 89.5079, 96.7598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5914, 88.6604, 94.2107 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(252, 239, 239)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 239, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 239, 239) }
```

Border

The CSS property to change the border of an element to XYZ 86.5914, 88.6604, 94.2107 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(252, 239, 239) }
```


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

```
.border{ border-color:rgb(252, 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(252, 239, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 239, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 239, 239);  
box-shadow:4px 4px 4px 4px rgb(252, 239,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5914, 88.6604, 94.2107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 239, 239) }
```

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

```
.background{ background-color: rgb(252,  
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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