

Converting Colors

XYZ(86.8880, 87.9333, 94.8336)

Have a look what the booklet for
XYZ(86.8880, 87.9333, 94.8336)
contains.

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Color

**XYZ(86.8854, 87.9305,
94.8310)**

Conversions

Conversions Part 1

Format	Color
Hex	FEEDF0
RGB	254, 237, 240
RGB Percent	100%, 93%, 94%
CMY	0.0039, 0.0706, 0.0588
CMYK	0.00, 0.07, 0.06, 0.00
HSL	349°, 89%, 96%
HSV	349°, 7%, 100%
XYZ	86.8854, 87.9305, 94.8310
YIQ	242.4250, 9.1690, 4.5370

Conversions

Conversions Part 2

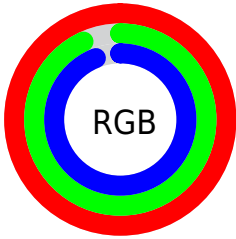
Format	Color
R _Y B	254, 237, 240
Decimal	16707056
CIE Lab	95.13, 6.24, 0.61
CIE LCh	95, 6.272, 5.574
Yxy	87.9305, 0.3222, 0.3261
Android (android.graphics.Color)	4294897136 (0xFFFEEDF0)
YUV	242.4250, -1.1955, 10.1513
Hunter-Lab	93.7713, 1.2926, 5.6798

Details

The XYZ color **86.8854, 87.9305, 94.8310** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.7828, 95.8554, 105.1468**, and the grayscale version is **84.7410, 89.1541, 97.0888**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2016, 48.3788, 52.1449** is the 20% darker color. If you saturate the color by 10%, you get **77.1151, 73.0799, 77.1135**, and if you desaturate by 10%, it is **94.6835, 99.8111, 108.8828**.

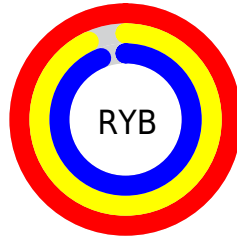
Distribution



Red (100%)

Green (93%)

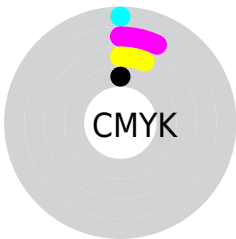
Blue (94%)



Red (100%)

Yellow (93%)

Blue (94%)

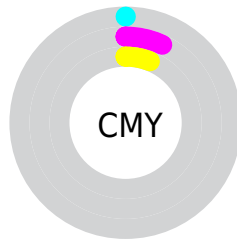


Cyan (0%)

Magenta (7%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.8854, 87.9305, 94.8310 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 86.8854, 87.9305, 94.8310 by changing the saturation by 10% instead.


 86.8854, 87.9305,
94.8310

 86.8854, 87.9305,
94.8310


506.2364,
521.2756, 564.5943

 65.7281, 66.2655,
71.3982


141.9049,
144.4604, 156.0247

 48.3186, 48.4880,
52.1834


176.4978,
180.0941, 194.6226

 34.2916, 34.2135,
36.7680


216.2999,
221.1528, 239.1127

 23.2816, 23.0576,
24.7336

261.6766,
268.0210, 289.9135

 14.9234, 14.6361,
15.6615

312.9932,
321.0829, 347.4436

 8.8516, 8.5644,
9.1332

370.6152,

 4.7009, 4.4582,

380.7231, 412.1213

4.7301

434.9078,
447.3258, 484.3654

■ 2.1058, 1.9330,
2.0339

■ 0.6924, 0.5681,
0.5760

■ 86.8854, 87.9305,
94.8310

■ 86.8854, 87.9305,
94.8310

■ 77.1151, 73.0799,
77.1135

94.6835, 99.8111,
108.8828

■ 68.6868, 60.3601,
61.5506

■ 61.5434, 49.6765,
48.0613

■ 55.6212, 40.9232,
36.5573

■ 50.8504, 33.9843,
26.9439

■ 47.1547, 28.7316,
19.1185

■ 44.4478, 25.0200,
12.9684

■ 42.6299, 22.6800,
8.3677

■ 41.5777, 21.4987,
5.1710

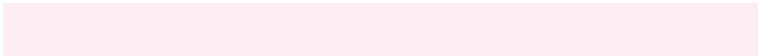
Harmonies

Analogous

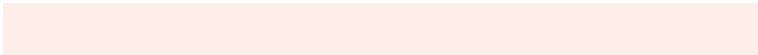
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.6001, 87.9305, 99.6820



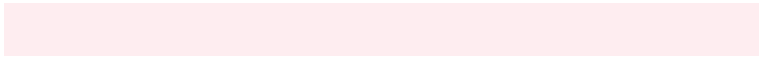
86.8854, 87.9305, 94.8310



86.2740, 87.9305, 90.3752

Triad

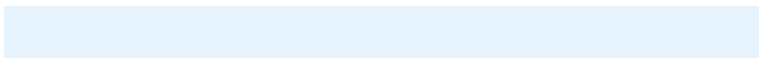
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.8854, 87.9305, 94.8310



81.6800, 87.9305, 88.2960



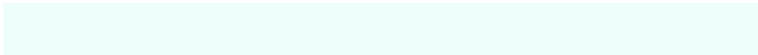
82.2251, 87.9305, 104.5594

Complementary

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



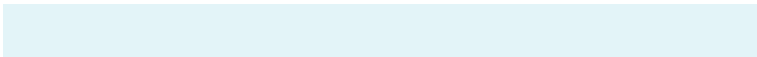
86.8854, 87.9305, 94.8310



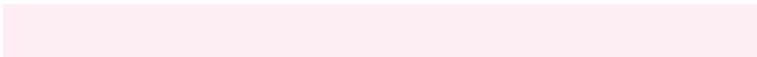
87.7828, 95.8554, 105.1468

Split Complementary

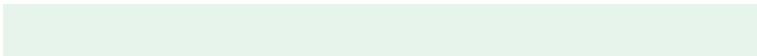
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9335, 87.9305, 101.3158



86.8854, 87.9305, 94.8310



80.6218, 87.9305, 91.9060

Square

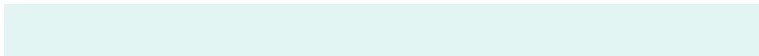
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.8854, 87.9305, 94.8310



83.2568, 87.9305, 86.6855



80.3504, 87.9305, 96.6575



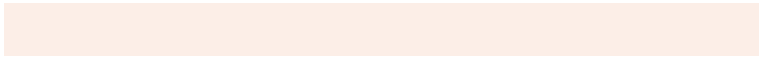
83.8946, 87.9305, 105.4069

Rectangle

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



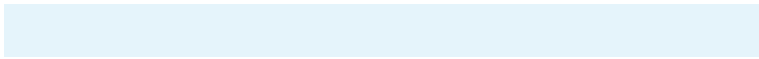
86.8854, 87.9305, 94.8310



85.4450, 87.9305, 88.1937



80.3504, 87.9305, 96.6575



81.7331, 87.9305, 103.7079

Sweetspot

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



86.8879, 87.9343, 94.8329



92.7754, 96.5214, 104.8414



87.9180, 88.2157, 106.1605



19.8816, 20.6960, 22.4830



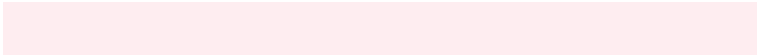
0.0000, 0.0000, 0.0000



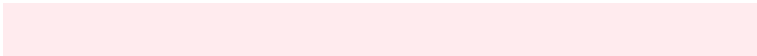
20.3446, 21.4041, 23.3091

Same Dimension

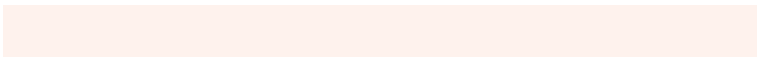
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.8879, 87.9343, 94.8329



86.2953, 86.6324, 93.2132



88.0282, 90.9213, 93.0354



18.1400, 18.0393, 19.3546



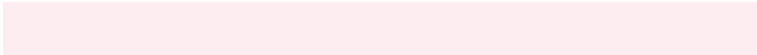
21.8333, 11.2226, 2.5069



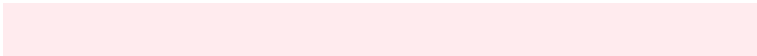
2.1599, 1.1063, 0.4235

Inverse Universe

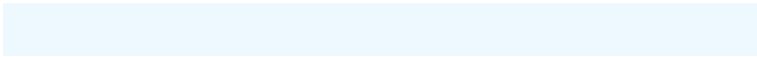
The Inverse Universe completely reimagines the original color for something new.



86.8879, 87.9343, 94.8329



86.2953, 86.6324, 93.2132



86.5749, 92.6778, 107.0926



18.1400, 18.0393, 19.3546



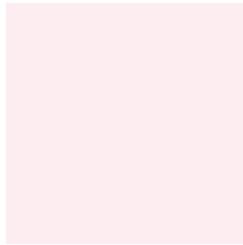
21.8333, 11.2226, 2.5069



2.1599, 1.1063, 0.4235

Previews

White Background



This preview shows how the XYZ color 86.8854, 87.9305, 94.8310 looks on a white background.

Color Contrast Check

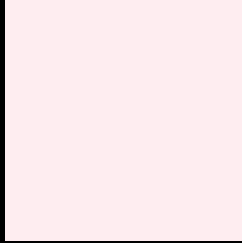
Large Text (above 18pt) WCAG AA × Fail

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 86.8854, 87.9305, 94.8310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

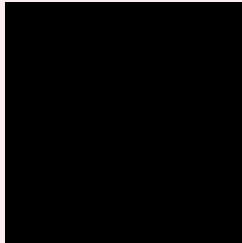
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

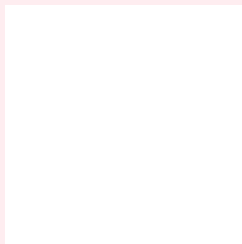
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.8854, 87.9305, 94.8310

Background



This preview shows how black text looks on a background with the XYZ color 86.8854, 87.9305, 94.8310.



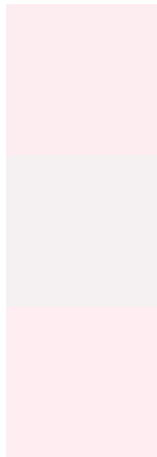
This preview shows how white text looks on a background with the XYZ color 86.8854, 87.9305,

94.8310.

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

86.8854, 87.9305, 94.8310

Protanopia

84.8433, 88.1435, 96.5461

Deuteranopia

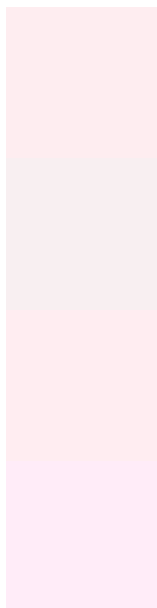
87.4014, 88.1792, 95.6328



Tritanopia

88.6780, 87.7685, 105.1957

Trichromacy



Original Color

86.8854, 87.9305, 94.8310

Protanomaly

85.4551, 88.0403, 95.7086

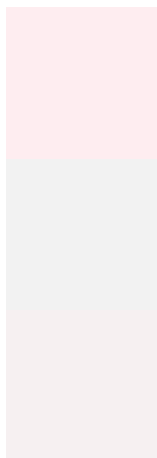
Deuteranomaly

87.4014, 88.1792, 95.6328

Tritanomaly

88.1787, 88.0282, 101.1506

Monochromacy



Original Color

86.8854, 87.9305, 94.8310

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.0433, 88.2639, 95.7735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.8854, 87.9305, 94.8310 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(254, 237, 240) looks like.

```
.text, #text, p{  
    color:rgb(254, 237, 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(254, 237, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 237, 240) }
```

Border

The CSS property to change the border of an element to XYZ 86.8854, 87.9305, 94.8310 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(254, 237, 240) }
```


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

```
.border{ border-color:rgb(254, 237, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 237, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 237, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 237, 240);  
box-shadow:4px 4px 4px 4px rgb(254, 237,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 86.8854, 87.9305, 94.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 237, 240) }
```

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

```
.background{ background-color: rgb(254,  
237, 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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