

Converting Colors

XYZ(86.7061, 88.4298, 90.3419)

Have a look what the booklet for
XYZ(86.7061, 88.4298, 90.3419)
contains.

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Color

**XYZ(86.6658, 88.3496,
90.3273)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEEEE
RGB	255, 238, 234
RGB Percent	100%, 93%, 92%
CMY	0.0000, 0.0666, 0.0823
CMYK	0.00, 0.07, 0.08, 0.00
HSL	11°, 100%, 96%
HSV	11°, 8%, 100%
XYZ	86.6658, 88.3496, 90.3273
YIQ	242.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

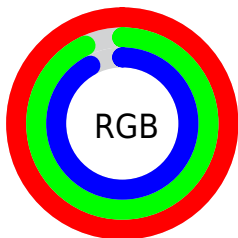
Format	Color
R _Y B	255, 239, 234
Decimal	16772842
CIE Lab	95.31, 5.07, 3.99
CIE LCh	95, 6.452, 38.156
Yxy	88.3496, 0.3266, 0.3330
Android (android.graphics.Color)	4294962922 (0xFFFFEEEA)
YUV	242.6270, -4.2531, 10.8511
Hunter-Lab	93.9945, 0.0922, 8.8193

Details

The XYZ color **86.6658, 88.3496, 90.3273** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.4780, 93.7043, 108.1366**, and the grayscale version is **84.9232, 89.3458, 97.2976**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0525, 48.6760, 48.9822** is the 20% darker color. If you saturate the color by 10%, you get **77.5951, 75.6550, 70.5118**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

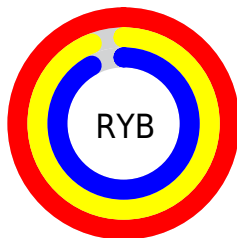
Distribution



Red (100%)

Green (93%)

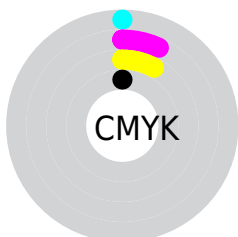
Blue (92%)



Red (100%)

Yellow (94%)

Blue (92%)

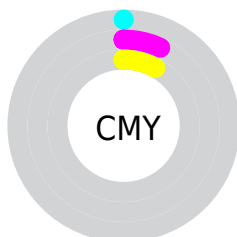


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.6658, 88.3496, 90.3273 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 86.6658, 88.3496, 90.3273 by changing the saturation by 10% instead.


 86.6658, 88.3496,
90.3273

 86.6658, 88.3496,
90.3273


505.5251,
522.6474, 549.6925

 65.5458, 66.6126,
67.6769


141.6003,
145.0438, 149.7324

 48.1701, 48.7699,
49.1699


176.1455,
180.7698, 187.3242

 34.1734, 34.4370,
34.3877


215.8964,
221.9276, 230.7336

 23.1904, 23.2295,
22.9118

261.2185,
268.9016, 280.3790

 14.8556, 14.7631,
14.3237

312.4770,
322.0762, 336.6791

 8.8038, 8.6533,
8.2049

370.0374,

 4.6695, 4.5157,

381.8357, 400.0524

4.1367

434.2650,
448.5647, 470.9173

■ 2.0874, 1.9660,
1.7006

■ 0.6824, 0.5876,
0.3612

■ 86.6658, 88.3496,
90.3273

■ 86.6658, 88.3496,
90.3273

■ 77.5951, 75.6550,
70.5118

95.0500, 100.0000,
108.9000

■ 69.6929, 64.4899,
53.5753

■ 62.9127, 54.7994,
39.3848

■ 57.2027, 46.5214,
27.7950

■ 52.5067, 39.5891,
18.6469

■ 48.7633, 33.9303,
11.7640

■ 45.9042, 29.4657,
6.9458

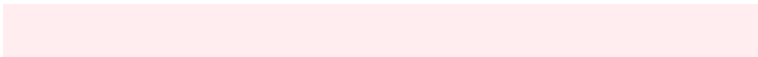
■ 43.8510, 26.1070,
3.9564

■ 42.5049, 23.7503,
2.4733

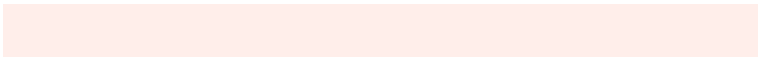
Harmonies

Analogous

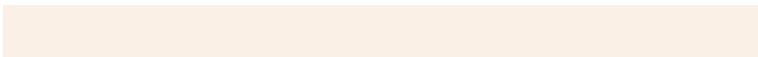
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.3719, 88.3496, 94.8279



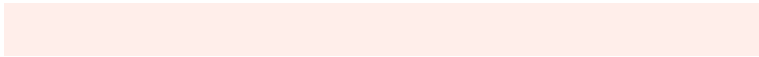
86.6658, 88.3496, 90.3273



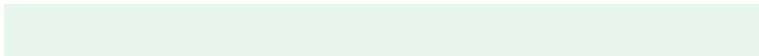
85.2405, 88.3496, 87.4702

Triad

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



86.6658, 88.3496, 90.3273



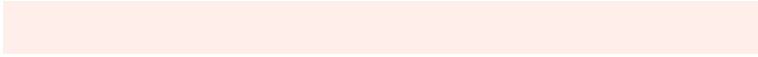
80.8682, 88.3496, 92.6326



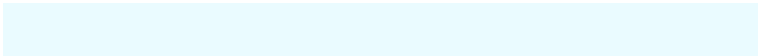
84.4552, 88.3496, 106.1249

Complementary

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



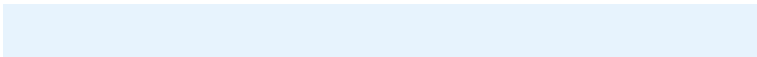
86.6658, 88.3496, 90.3273



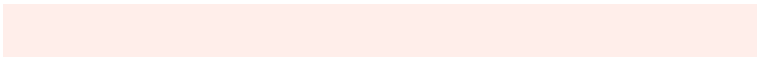
86.4780, 93.7043, 108.1366

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.



82.7194, 88.3496, 105.4872



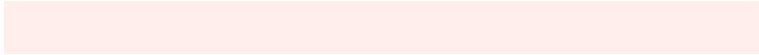
86.6658, 88.3496, 90.3273



80.6646, 88.3496, 97.5807

Square

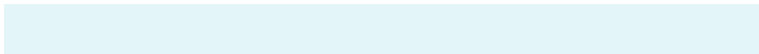
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.6658, 88.3496, 90.3273



81.8980, 88.3496, 88.7684



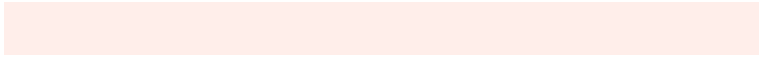
81.3378, 88.3496, 102.3171



86.0840, 88.3496, 104.0303

Rectangle

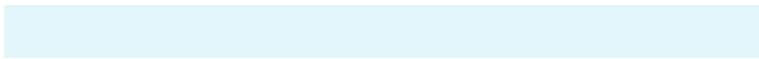
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



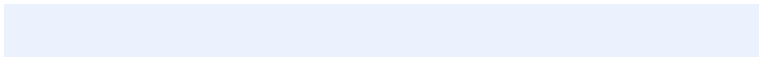
86.6658, 88.3496, 90.3273



84.0827, 88.3496, 86.8227



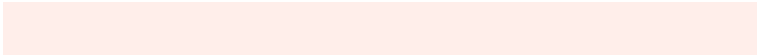
81.3378, 88.3496, 102.3171



83.8647, 88.3496, 106.2244

Sweetspot

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



86.6679, 88.3533, 90.3292



92.9370, 97.0706, 104.1985



88.0996, 87.0811, 103.5561



19.9145, 20.8078, 22.3520



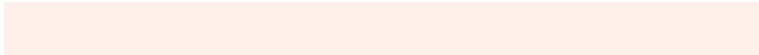
0.0000, 0.0000, 0.0000



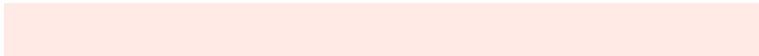
20.3446, 21.4041, 23.3091

Same Dimension

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



86.6679, 88.3533, 90.3292



84.9791, 85.9976, 86.6156



89.7668, 94.5512, 91.3622



18.2897, 18.5475, 18.7604



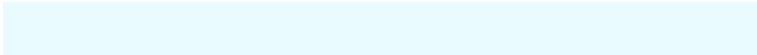
22.1940, 12.3993, 1.2236



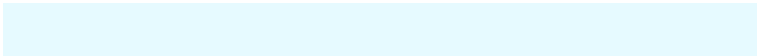
2.2315, 1.3484, 0.1427

Inverse Universe

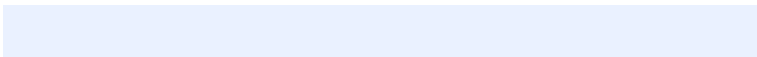
The Inverse Universe completely reimagines the original color for something new.



86.4780, 93.7043, 108.1366



84.7511, 92.4168, 107.9791



83.3344, 87.4170, 107.0887



18.2431, 19.8579, 23.1214



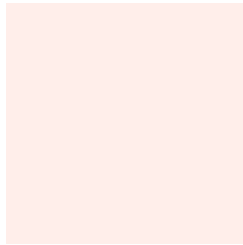
21.1159, 27.1414, 53.5605



2.1282, 2.7871, 5.2391

Previews

White Background



This preview shows how the XYZ color 86.6658, 88.3496, 90.3273 looks on a white background.

Color Contrast Check

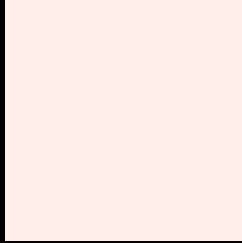
Large Text (above 18pt) WCAG AA × Fail

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 86.6658, 88.3496, 90.3273 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

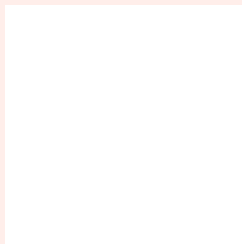
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.6658, 88.3496, 90.3273

Background



This preview shows how black text looks on a background with the XYZ color 86.6658, 88.3496, 90.3273.



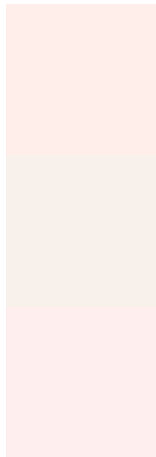
This preview shows how white text looks on a background with the XYZ color 86.6658, 88.3496,

90.3273.

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

86.6658, 88.3496, 90.3273

Protanopia

84.5133, 88.0925, 91.1465

Deuteranopia

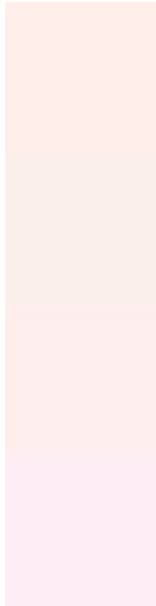
87.2472, 88.5821, 93.3886



Tritanopia

88.6480, 88.2159, 103.6219

Trichromacy



Original Color

86.6658, 88.3496, 90.3273

Protanomaly

85.2862, 88.0552, 91.0985

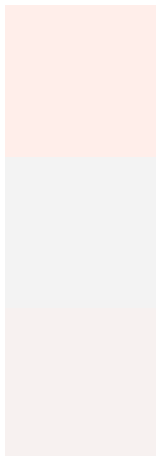
Deuteranomaly

87.1006, 88.5235, 92.6168

Tritanomaly

88.0056, 88.4209, 98.8148

Monochromacy



Original Color

86.6658, 88.3496, 90.3273

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.5412, 88.9760, 95.1037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.6658, 88.3496, 90.3273 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(255, 238, 234) looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 234)  
}
```

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(255, 238, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 234) }
```

Border

The CSS property to change the border of an element to XYZ 86.6658, 88.3496, 90.3273 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(255, 238, 234) }
```


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

```
.border{ border-color:rgb(255, 238, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 86.6658, 88.3496, 90.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 234) }
```

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

```
.background{ background-color: rgb(255,  
238, 234) }
```

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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