

Converting Colors

XYZ(109.2753, 100.0000,
88.1031)

Have a look what the booklet for
XYZ(109.2753, 100.0000, 88.1031)
contains.

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Color

**XYZ(86.0975, 88.1222,
87.3344)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEEEE
RGB	255, 238, 230
RGB Percent	100%, 93%, 90%
CMY	0.0000, 0.0666, 0.0980
CMYK	0.00, 0.07, 0.10, 0.00
HSL	19°, 100%, 95%
HSV	19°, 10%, 100%
XYZ	86.0975, 88.1222, 87.3344
YIQ	242.1710, 12.7000, 1.1160

Conversions

Conversions Part 2

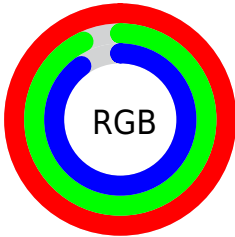
Format	Color
R _Y B	255, 242, 230
Decimal	16772838
CIE Lab	95.21, 4.42, 5.92
CIE LCh	95, 7.390, 53.235
Yxy	88.1222, 0.3292, 0.3369
Android (android.graphics.Color)	4294962918 (0xFFFFEEE6)
YUV	242.1710, -6.0003, 11.2510
Hunter-Lab	93.8734, -0.5644, 10.5514

Details

The XYZ color **86.0975, 88.1222, 87.3344** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.9432, 90.5622, 107.6637**, and the grayscale version is **84.5742, 88.9786, 96.8977**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7545, 48.5568, 47.4129** is the 20% darker color. If you saturate the color by 10%, you get **77.9690, 77.1830, 68.2312**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

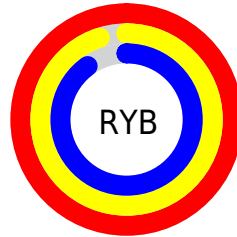
Distribution



Red (100%)

Green (93%)

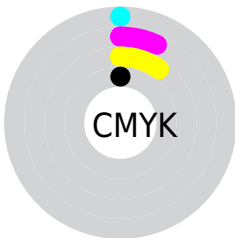
Blue (90%)



Red (100%)

Yellow (95%)

Blue (90%)



Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.0975, 88.1222, 87.3344 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 86.0975, 88.1222, 87.3344 by changing the saturation by 10% instead.

 86.0975, 88.1222,
87.3344

 86.0975, 88.1222,
87.3344


503.6818,
521.9033, 539.6658

 65.0741, 66.4243,
65.2108

140.8117,
144.7273, 145.5331

 47.7861, 48.6169,
47.1796


175.2332,
180.4032, 182.4453

 33.8681, 34.3157,
32.8223


214.8515,
221.5073, 225.1241

 22.9547, 23.1362,
21.7203

260.0319,
268.4239, 273.9880

 14.6806, 14.6941,
13.4552

311.1397,
321.5374, 329.4556

 8.6804, 8.6050,
7.6083

368.5405,

 4.5887, 4.4844,

381.2322, 391.9454

3.7612

432.5994,
447.8927, 461.8759

■ 2.0403, 1.9481,
1.4953

■ 0.6564, 0.5770,
0.2144

■ 86.0975, 88.1222,
87.3344

■ 86.0975, 88.1222,
87.3344

■ 77.9690, 77.1830,
68.2312

95.0500, 100.0000,
108.9000

■ 70.8122, 67.3854,
51.9232

■ 64.5904, 58.6946,
38.2796

■ 59.2622, 51.0702,
27.1568

■ 54.7831, 44.4690,
18.3972

■ 51.1041, 38.8447,
11.8258

■ 48.1704, 34.1470,
7.2425

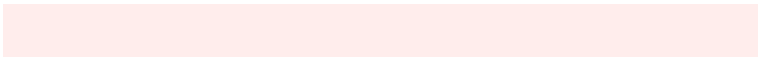
■ 45.9192, 30.3200,
4.4095

■ 44.2593, 27.2942,
2.9500

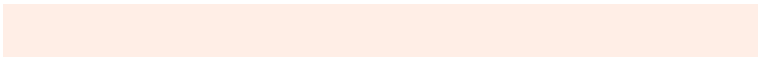
Harmonies

Analogous

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



87.3677, 88.1222, 91.6398



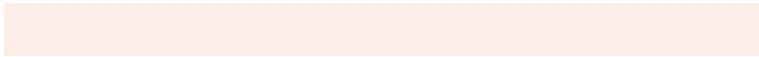
86.0975, 88.1222, 87.3344



84.2147, 88.1222, 85.3497

Triad

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



86.0975, 88.1222, 87.3344



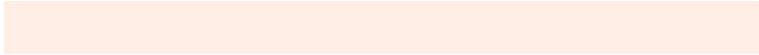
79.9694, 88.1222, 94.6491



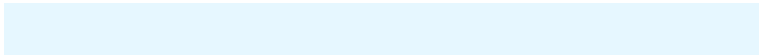
85.2950, 88.1222, 106.5095

Complementary

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



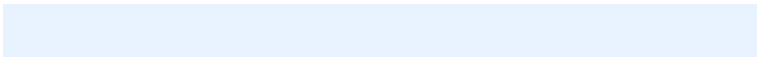
86.0975, 88.1222, 87.3344



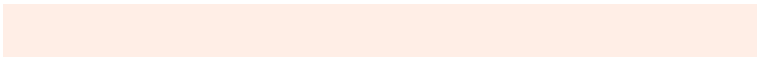
83.9432, 90.5622, 107.6637

Split Complementary

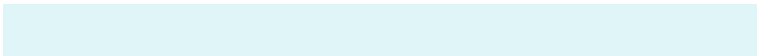
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.3020, 88.1222, 107.3938



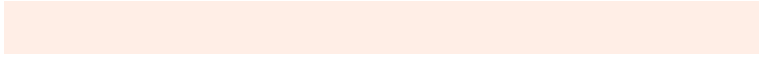
86.0975, 88.1222, 87.3344



80.2482, 88.1222, 100.3935

Square

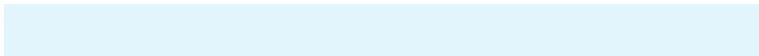
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



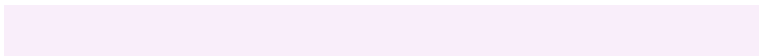
86.0975, 88.1222, 87.3344



80.6925, 88.1222, 89.4620



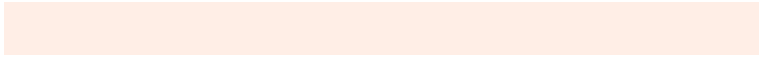
81.4603, 88.1222, 105.1146



86.8992, 88.1222, 102.7446

Rectangle

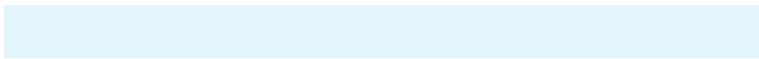
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0975, 88.1222, 87.3344



82.8738, 88.1222, 85.5509



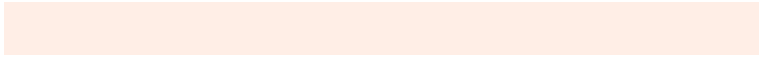
81.4603, 88.1222, 105.1146



84.6475, 88.1222, 107.1596

Sweetspot

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



86.0995, 88.1258, 87.3363



92.2059, 96.2437, 101.9962



86.3388, 84.5752, 99.8377



19.5765, 20.3892, 21.4463



0.0000, 0.0000, 0.0000



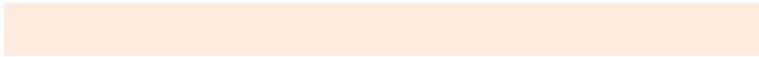
20.3446, 21.4041, 23.3091

Same Dimension

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



86.0995, 88.1258, 87.3363



84.2281, 85.6219, 82.8932



89.8385, 95.6039, 88.5826



18.4841, 18.9364, 18.8252



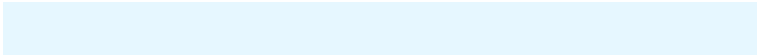
23.2302, 14.4716, 1.5689



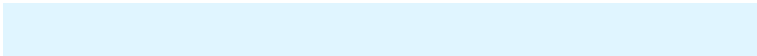
2.3556, 1.5966, 0.1840

Inverse Universe

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



83.9432, 90.5622, 107.6637



81.6282, 88.5585, 107.3990



80.2733, 83.2224, 106.4404



18.0357, 19.4430, 23.0522



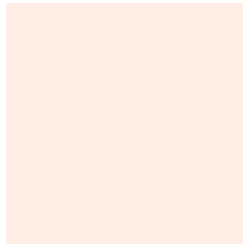
17.4159, 19.7414, 52.3271



1.7945, 2.1197, 5.1278

Previews

White Background



This preview shows how the XYZ color 86.0975, 88.1222, 87.3344 looks on a white background.

Color Contrast Check

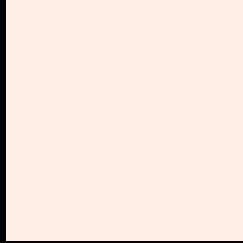
Large Text (above 18pt) WCAG AA × Fail

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 86.0975, 88.1222, 87.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

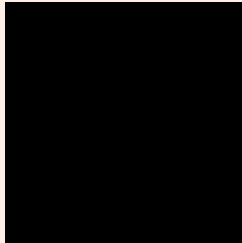
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

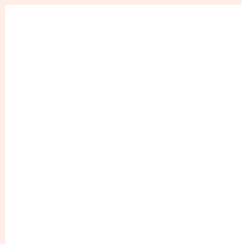
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.0975, 88.1222, 87.3344

Background



This preview shows how black text looks on a background with the XYZ color 86.0975, 88.1222, 87.3344.



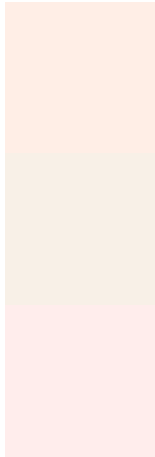
This preview shows how white text looks on a background with the XYZ color 86.0975, 88.1222,

87.3344.

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

86.0975, 88.1222, 87.3344

Protanopia

84.2953, 88.0462, 88.1531

Deuteranopia

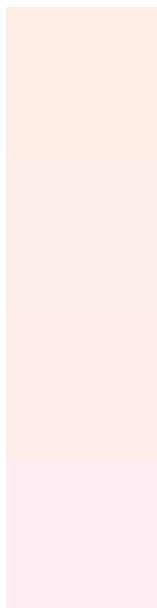
86.6645, 87.8845, 91.7526



Tritanopia

88.6480, 88.2159, 103.6219

Trichromacy



Original Color

86.0975, 88.1222, 87.3344

Protanomaly

85.0740, 88.0118, 88.1054

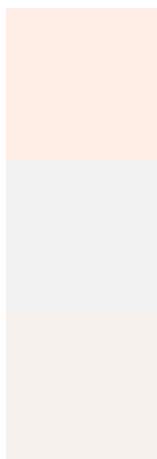
Deuteranomaly

86.3755, 87.7689, 90.2305

Tritanomaly

87.7018, 88.2994, 97.2151

Monochromacy



Original Color

86.0975, 88.1222, 87.3344

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

85.2457, 88.8578, 93.5473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.0975, 88.1222, 87.3344 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 230) }
```

Border

The CSS property to change the border of an element to XYZ 86.0975, 88.1222, 87.3344 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, 230) }
```


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

```
.border{ border-color:rgb(255, 238, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 86.0975, 88.1222, 87.3344 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, 230) }
```

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

```
.background{ background-color: rgb(255,  
238, 230) }
```

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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