

Converting Colors

XYZ(106.9934, 100.0000,
87.8095)

Have a look what the booklet for
XYZ(106.9934, 100.0000, 87.8095)
contains.

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Color

**XYZ(86.8382, 89.8277,
86.8904)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF1E5
RGB	255, 241, 229
RGB Percent	100%, 95%, 90%
CMY	0.0000, 0.0549, 0.1020
CMYK	0.00, 0.05, 0.10, 0.00
HSL	28°, 100%, 95%
HSV	28°, 10%, 100%
XYZ	86.8382, 89.8277, 86.8904
YIQ	243.8180, 12.1960, -0.7640

Conversions

Conversions Part 2

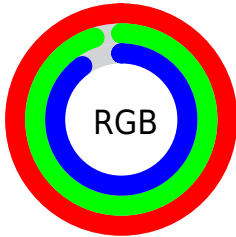
Format	Color
RYB	255, 251, 229
Decimal	16773605
CIELab	95.93, 2.73, 7.46
CIELCh	96, 7.949, 69.886
Yxy	89.8277, 0.3295, 0.3408
Android (android.graphics.Color)	4294963685 (0xFFFFF1E5)
YUV	243.8180, -7.3053, 9.8066
Hunter-Lab	94.7775, -2.3131, 11.9882

Details

The XYZ color **86.8382, 89.8277, 86.8904** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.4130, 87.9770, 107.2454**, and the grayscale version is **85.8951, 90.3683, 98.4111**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2776, 49.7597, 47.1045** is the 20% darker color. If you saturate the color by 10%, you get **79.6252, 80.6873, 68.1915**, and if you desaturate by 10%, it is **94.8844, 99.7970, 108.4496**.

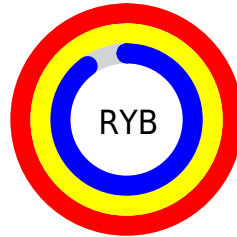
Distribution



Red (100%)

Green (95%)

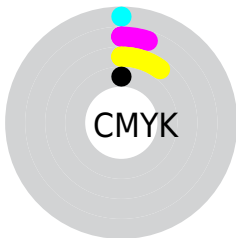
Blue (90%)



Red (100%)

Yellow (98%)

Blue (90%)

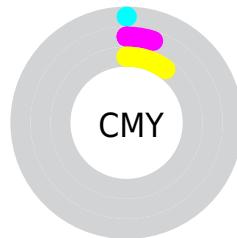


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.8382, 89.8277, 86.8904 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 86.8382, 89.8277, 86.8904 by changing the saturation by 10% instead.


 86.8382, 89.8277,
86.8904

 86.8382, 89.8277,
86.8904


506.0836,
527.4702, 538.1695

 65.6889, 67.8377,
64.8454


141.8394,
147.0990, 144.9089

 48.2867, 49.7657,
46.8852


176.4220,
183.1492, 181.7195

 34.2662, 35.2273,
32.5912

216.2132,
224.6549, 224.2890

 23.2620, 23.8380,
21.5449

261.5781,
272.0005, 273.0360

 14.9088, 15.2135,
13.3278

312.8823,
325.5705, 328.3790

 8.8413, 8.9694,
7.5213

370.4910,

 4.6941, 4.7212,

385.7492, 390.7365

3.7068

434.7697,
452.9209, 460.5272

■ 2.1018, 2.0846,
1.4659

■ 0.6902, 0.6560,
0.1924

■ 86.8382, 89.8277,
86.8904

■ 86.8382, 89.8277,
86.8904

■ 79.6252, 80.6873,
68.1915

94.8844, 99.7970,
108.4496

■ 73.2100, 72.3423,
52.2253

95.0500, 100.0000,
108.9000

■ 67.5633, 64.7726,
38.8631

■ 62.6514, 57.9534,
27.9633

■ 58.4380, 51.8582,
19.3708

■ 54.8828, 46.4582,
12.9125

■ 51.9406, 41.7226,
8.3904

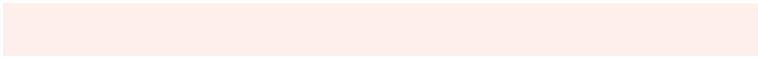
■ 49.5586, 37.6164,
5.5685

■ 47.6881, 34.1561,
4.0794

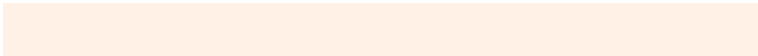
Harmonies

Analogous

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



88.6582, 89.8277, 90.2590



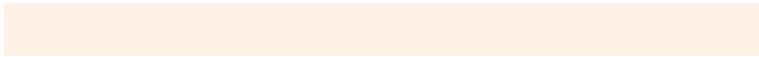
86.8382, 89.8277, 86.8904



84.6560, 89.8277, 86.3760

Triad

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



86.8382, 89.8277, 86.8904



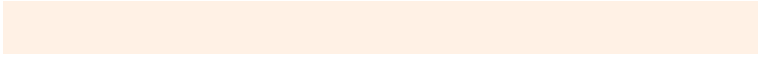
81.2878, 89.8277, 99.8970



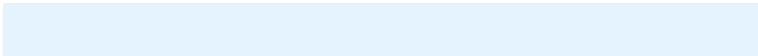
88.1137, 89.8277, 107.3783

Complementary

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



86.8382, 89.8277, 86.8904



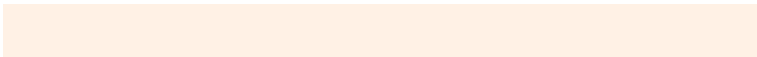
82.4130, 87.9770, 107.2454

Split Complementary

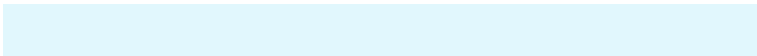
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.1052, 89.8277, 110.2047



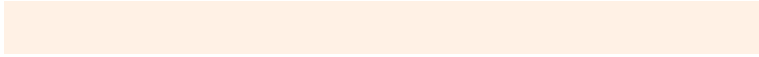
86.8382, 89.8277, 86.8904



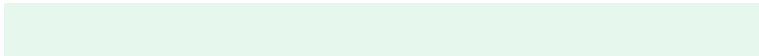
82.1808, 89.8277, 105.7647

Square

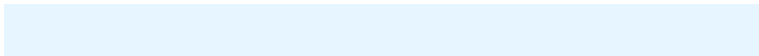
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.8382, 89.8277, 86.8904



81.4764, 89.8277, 93.7089



83.9353, 89.8277, 109.6019



89.4033, 89.8277, 102.0230

Rectangle

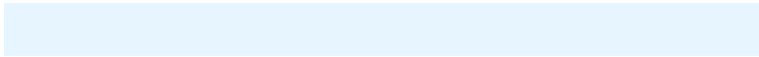
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.8382, 89.8277, 86.8904



83.2928, 89.8277, 87.6970



83.9353, 89.8277, 109.6019



87.4988, 89.8277, 108.6658

Sweetspot

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



86.8402, 89.8314, 86.8923



92.5430, 96.9178, 102.1086



85.4830, 83.7889, 96.6998



19.6674, 20.5708, 21.4766



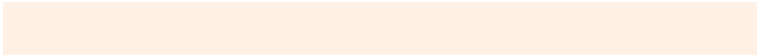
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



86.8402, 89.8314, 86.8923



85.4777, 88.1211, 83.3097



90.7298, 97.6107, 88.1888



18.7005, 19.3693, 18.8974



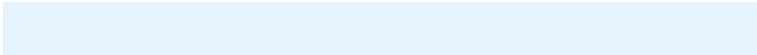
25.0637, 18.1386, 2.1801



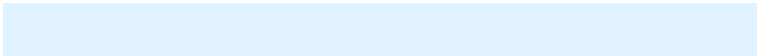
2.5482, 1.9818, 0.2482

Inverse Universe

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



82.4130, 87.9770, 107.2454



80.3317, 85.9655, 106.9668



78.7445, 80.6400, 106.0225



17.8129, 18.9975, 22.9780



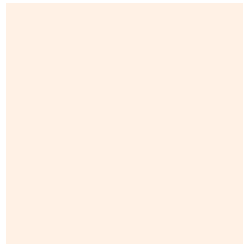
14.2762, 13.4619, 51.2806



1.4994, 1.5294, 5.0295

Previews

White Background



This preview shows how the XYZ color 86.8382, 89.8277, 86.8904 looks on a white background.

Color Contrast Check

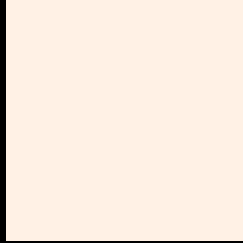
Large Text (above 18pt) WCAG AA × Fail

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 86.8382, 89.8277, 86.8904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

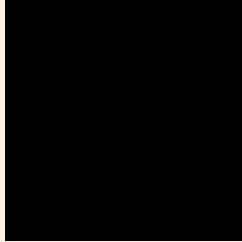
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.8382, 89.8277, 86.8904

Background



This preview shows how black text looks on a background with the XYZ color 86.8382, 89.8277, 86.8904.



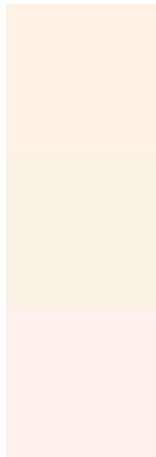
This preview shows how white text looks on a background with the XYZ color 86.8382, 89.8277,

86.8904.

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

86.8382, 89.8277, 86.8904

Protanopia

85.8187, 89.7267, 87.6588

Deuteranopia

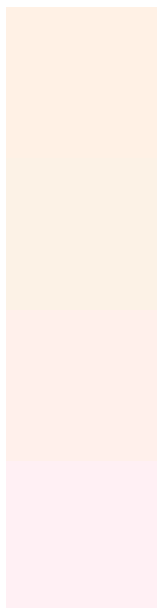
87.8327, 89.7532, 93.5837



Tritanopia

89.8361, 90.0849, 105.5817

Trichromacy



Original Color

86.8382, 89.8277, 86.8904

Protanomaly

86.1799, 89.9129, 87.6757

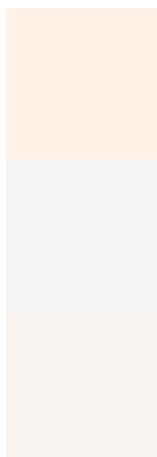
Deuteranomaly

87.3955, 89.5783, 91.2814

Tritanomaly

88.7292, 90.1118, 98.3047

Monochromacy



Original Color

86.8382, 89.8277, 86.8904

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.3420, 90.2896, 94.5383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.8382, 89.8277, 86.8904 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, 241, 229) looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 229)  
}
```

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, 241, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 229) }
```

Border

The CSS property to change the border of an element to XYZ 86.8382, 89.8277, 86.8904 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, 241, 229) }
```


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

```
.border{ border-color:rgb(255, 241, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 86.8382, 89.8277, 86.8904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 229) }
```

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

```
.background{ background-color: rgb(255,  
241, 229) }
```

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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