

Converting Colors

XYZ(86.5936, 89.9069, 87.6014)

Have a look what the booklet for
XYZ(86.5936, 89.9069, 87.6014)
contains.

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Color

**XYZ(86.9081, 90.2883,
87.7097)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF2E6
RGB	254, 242, 230
RGB Percent	100%, 95%, 90%
CMY	0.0039, 0.0510, 0.0980
CMYK	0.00, 0.05, 0.09, 0.00
HSL	30°, 92%, 95%
HSV	30°, 9%, 100%
XYZ	86.9081, 90.2883, 87.7097
YIQ	244.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

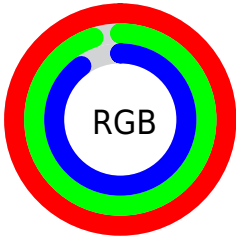
Format	Color
R_{YB}	254, 254, 230
Decimal	16708326
CIE Lab	96.12, 2.04, 7.21
CIE LCh	96, 7.496, 74.202
Yxy	90.2883, 0.3281, 0.3408
Android (android.graphics.Color)	4294898406 (0xFFFEF2E6)
YUV	244.2200, -7.0105, 8.5771
Hunter-Lab	95.0202, -3.0242, 11.7856

Details

The XYZ color **86.9081, 90.2883, 87.7097** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.2743, 87.4813, 106.3161**, and the grayscale version is **86.2155, 90.7054, 98.7782**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3227, 50.0833, 47.6776** is the 20% darker color. If you saturate the color by 10%, you get **79.9504, 81.6706, 69.0560**, and if you desaturate by 10%, it is **94.5882, 99.6205, 108.8511**.

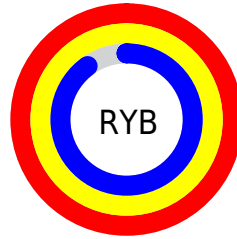
Distribution



Red (100%)

Green (95%)

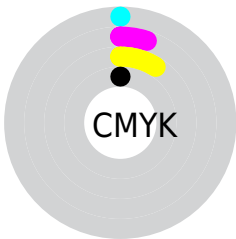
Blue (90%)



Red (100%)

Yellow (100%)

Blue (90%)

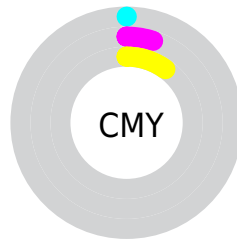


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.9081, 90.2883, 87.7097 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 86.9081, 90.2883, 87.7097 by changing the saturation by 10% instead.


 86.9081, 90.2883,
87.7097

 86.9081, 90.2883,
87.7097


506.3099,
528.9682, 540.9287

 65.7469, 68.2198,
65.5197


141.9364,
147.7388, 146.0605

 48.3339, 50.0766,
47.4286


176.5342,
183.8896, 183.0584

 34.3038, 35.4742,
33.0178


216.3416,
225.5032, 225.8294

 23.2911, 24.0284,
21.8689

261.7239,
272.9641, 274.7919

 14.9304, 15.3547,
13.5632

313.0466,
326.6566, 330.3646

 8.8566, 9.0687,
7.6822

370.6749,

 4.7041, 4.7860,

386.9653, 392.9659

3.8074

434.9742,
454.2743, 463.0144

■ 2.1077, 2.1223,
1.5203

■ 0.6934, 0.6771,
0.2330

■ 86.9081, 90.2883,
87.7097

■ 86.9081, 90.2883,
87.7097

■ 79.9504, 81.6706,
69.0560

94.5882, 99.6205,
108.8511

■ 73.7446, 73.7620,
53.1055

94.6834, 99.8110,
108.8828

■ 68.2638, 66.5459,
39.7319

■ 63.4764, 60.0006,
28.7965

■ 59.3480, 54.1031,
20.1472

■ 55.8409, 48.8284,
13.6147

■ 52.9122, 44.1496,
9.0055

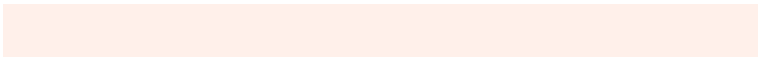
■ 50.5125, 40.0362,
6.0903

■ 48.5679, 36.4478,
4.5155

Harmonies

Analogous

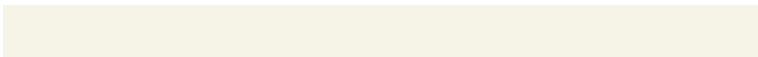
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7110, 90.2883, 90.5489



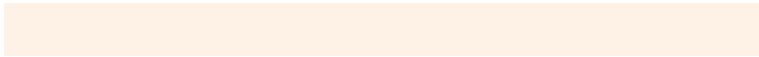
86.9081, 90.2883, 87.7097



84.8404, 90.2883, 87.6333

Triad

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



86.9081, 90.2883, 87.7097



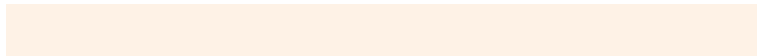
82.0030, 90.2883, 101.1411



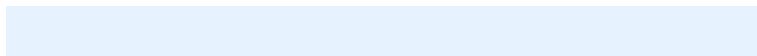
88.6306, 90.2883, 106.7373

Complementary

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



86.9081, 90.2883, 87.7097



82.2743, 87.4813, 106.3161

Split Complementary

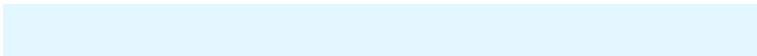
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.7997, 90.2883, 109.8175



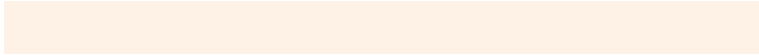
86.9081, 90.2883, 87.7097



82.9853, 90.2883, 106.4994

Square

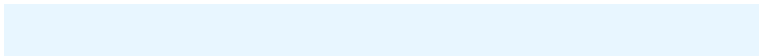
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.9081, 90.2883, 87.7097



82.0310, 90.2883, 95.2278



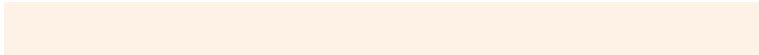
84.7337, 90.2883, 109.7287



89.7164, 90.2883, 101.4552

Rectangle

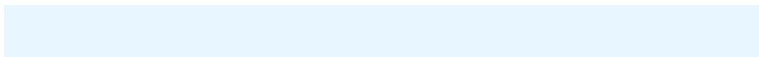
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.9081, 90.2883, 87.7097



83.5912, 90.2883, 89.1501



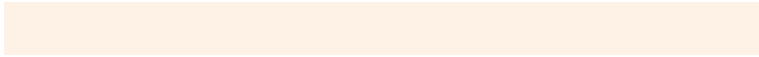
84.7337, 90.2883, 109.7287



88.0806, 90.2883, 108.0739

Sweetspot

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



86.9106, 90.2923, 87.7116



92.6349, 97.1017, 102.1393



85.1980, 84.0765, 95.7435



19.6922, 20.6204, 21.4848



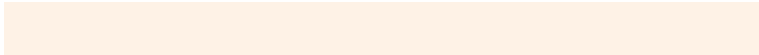
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



86.9106, 90.2923, 87.7116



86.5478, 89.7024, 85.3896



90.5988, 97.6686, 88.9410



18.7601, 19.4883, 18.9172



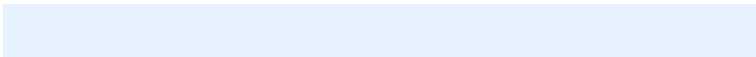
25.7010, 19.4133, 2.3925



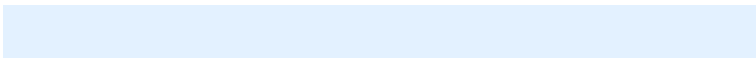
2.6116, 2.1086, 0.2694

Inverse Universe

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



82.2743, 87.4813, 106.3161



81.1590, 86.4352, 107.0139



78.8205, 80.5737, 105.1648



17.7531, 18.8778, 22.9580



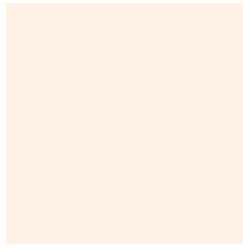
13.5768, 12.0631, 51.0474



1.4311, 1.3929, 5.0067

Previews

White Background



This preview shows how the XYZ color 86.9081, 90.2883, 87.7097 looks on a white background.

Color Contrast Check

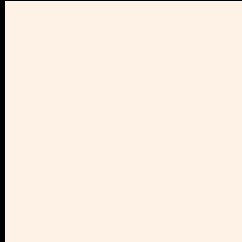
Large Text (above 18pt) WCAG AA × Fail

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 86.9081, 90.2883, 87.7097 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 86.9081, 90.2883, 87.7097

Background



This preview shows how black text looks on a background with the XYZ color 86.9081, 90.2883, 87.7097.

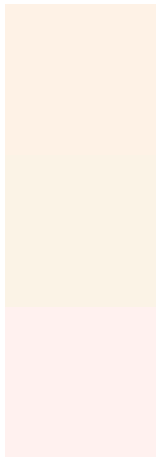


This preview shows how white text looks on a background with the XYZ color 86.9081, 90.2883,

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

86.9081, 90.2883, 87.7097

Protanopia

86.1172, 90.3236, 87.7582

Deuteranopia

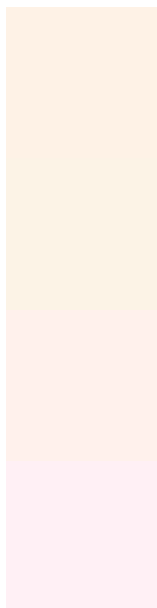
88.2753, 90.4026, 94.4582



Tritanopia

89.9959, 90.1488, 106.4231

Trichromacy



Original Color

86.9081, 90.2883, 87.7097

Protanomaly

86.4784, 90.5098, 87.7751

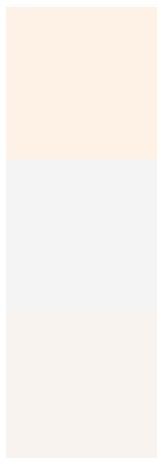
Deuteranomaly

87.8356, 90.2267, 92.1429

Tritanomaly

88.8815, 90.1727, 99.1067

Monochromacy



Original Color

86.9081, 90.2883, 87.7097

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 86.9081, 90.2883, 87.7097 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, 242, 230) looks like.

```
.text, #text, p{  
    color:rgb(254, 242, 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(254, 242, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 242, 230) }
```

Border

The CSS property to change the border of an element to XYZ 86.9081, 90.2883, 87.7097 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, 242, 230) }
```


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

```
.border{ border-color:rgb(254, 242, 230) }
```

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

Here you see how a box with a 4 pixel rgb(254, 242, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 242, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 242, 230);  
box-shadow:4px 4px 4px 4px rgb(254, 242,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 86.9081, 90.2883, 87.7097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 242, 230) }
```

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

```
.background{ background-color: rgb(254,  
242, 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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