

Converting Colors

XYZ(86.6083, 90.6297, 84.8627)

Have a look what the booklet for
XYZ(86.6083, 90.6297, 84.8627)
contains.

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Color

**XYZ(86.6511, 90.6630,
84.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF3E2
RGB	254, 243, 226
RGB Percent	100%, 95%, 89%
CMY	0.0039, 0.0470, 0.1137
CMYK	0.00, 0.04, 0.11, 0.00
HSL	36°, 93%, 94%
HSV	36°, 11%, 100%
XYZ	86.6511, 90.6630, 84.8842
YIQ	244.3510, 12.0130, -2.9550

Conversions

Conversions Part 2

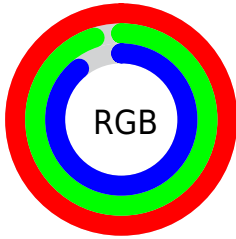
Format	Color
R_{YB}	244, 254, 226
Decimal	16708578
CIE Lab	96.27, 0.89, 9.50
CIE LCh	96, 9.542, 84.622
Yxy	90.6630, 0.3305, 0.3458
Android (android.graphics.Color)	4294898658 (0xFFFEF3E2)
YUV	244.3510, -9.0470, 8.4622
Hunter-Lab	95.2171, -4.1884, 13.7961

Details

The XYZ color **86.6511, 90.6630, 84.8842** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.5374, 83.8913, 105.7674**, and the grayscale version is **86.3357, 90.8319, 98.9159**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1470, 50.3512, 45.7092** is the 20% darker color. If you saturate the color by 10%, you get **80.5172, 83.5653, 66.8990**, and if you desaturate by 10%, it is **93.4685, 98.2996, 105.6467**.

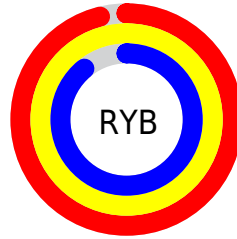
Distribution



Red (100%)

Green (95%)

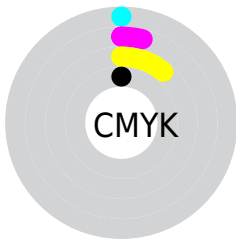
Blue (89%)



Red (96%)

Yellow (100%)

Blue (89%)

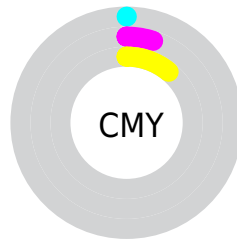


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (5%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.6511, 90.6630, 84.8842 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 86.6511, 90.6630, 84.8842 by changing the saturation by 10% instead.


 86.6511, 90.6630,
84.8842

 86.6511, 90.6630,
84.8842


505.4775,
530.1852, 531.3794

 65.5336, 68.5307,
63.1961


141.5799,
148.2590, 142.0841

 48.1602, 50.3296,
45.5579


176.1219,
184.4914, 178.4330

 34.1655, 35.6753,
31.5509


215.8694,
226.1927, 220.5059

 23.1843, 24.1836,
20.7567

261.1878,
273.7472, 268.7213

 14.8511, 15.4698,
12.7568

312.4425,
327.5393, 323.4979

 8.8006, 9.1498,
7.1325

369.9987,

 4.6674, 4.8390,

387.9534, 385.2540

3.4654

434.2219,
455.3739, 454.4084

■ 2.0862, 2.1531,
1.3369

■ 0.6817, 0.6943,
0.0918

■ 86.6511, 90.6630,
84.8842

■ 86.6511, 90.6630,
84.8842

■ 80.5172, 83.5653,
66.8990

■ 93.4685, 98.2996,
105.6467

■ 75.0342, 76.9803,
51.5653

94.6834, 99.8110,
108.8828

■ 70.1777, 70.8972,
38.7562

■ 65.9187, 65.2999,
28.3320

■ 62.2255, 60.1716,
20.1393

■ 59.0627, 55.4934,
14.0067

■ 56.3905, 51.2448,
9.7373

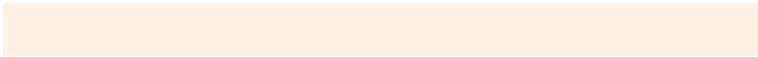
■ 54.1610, 47.4020,
7.0951

■ 52.4718, 44.2678,
5.7790

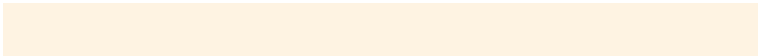
Harmonies

Analogous

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



89.1575, 90.6630, 87.2859



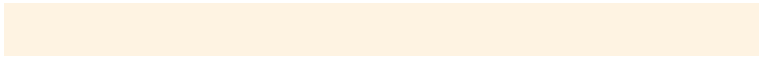
86.6511, 90.6630, 84.8842



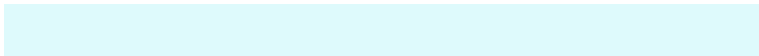
84.0662, 90.6630, 86.0315

Triad

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



86.6511, 90.6630, 84.8842



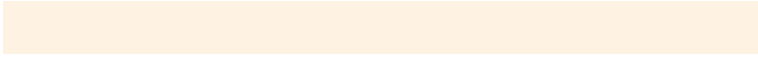
81.6212, 90.6630, 104.9244



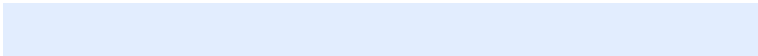
90.3957, 90.6630, 107.4120

Complementary

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



86.6511, 90.6630, 84.8842



79.5374, 83.8913, 105.7674

Split Complementary

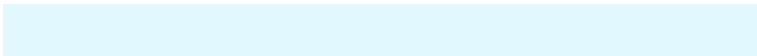
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.3136, 90.6630, 112.5911



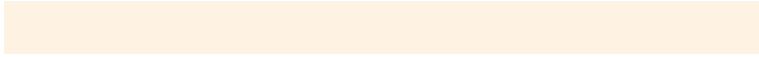
86.6511, 90.6630, 84.8842



83.2548, 90.6630, 111.1041

Square

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



86.6511, 90.6630, 84.8842



81.1966, 90.6630, 97.3547



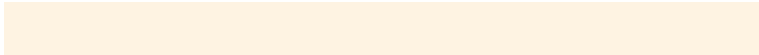
85.6956, 90.6630, 113.9755



91.3476, 90.6630, 100.0912

Rectangle

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



86.6511, 90.6630, 84.8842



82.6414, 90.6630, 88.6865



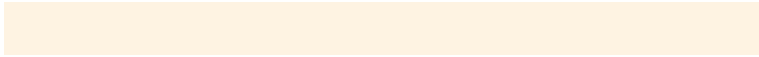
85.6956, 90.6630, 113.9755



89.8027, 90.6630, 109.4758

Sweetspot

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



86.6536, 90.6670, 84.8861



92.8917, 97.6153, 102.2249



83.3858, 81.5909, 91.6289



19.7615, 20.7591, 21.5079



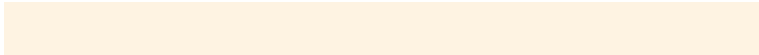
0.0000, 0.0000, 0.0000



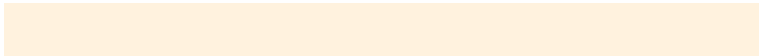
20.3446, 21.4041, 23.3091

Same Dimension

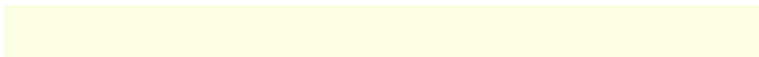
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.6536, 90.6670, 84.8861



86.1516, 90.0197, 81.8367



89.0260, 96.9220, 85.9684



18.9275, 19.8231, 18.9730



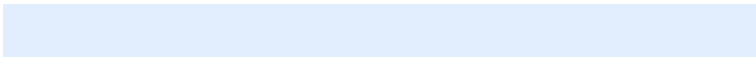
27.8114, 23.6340, 3.0960



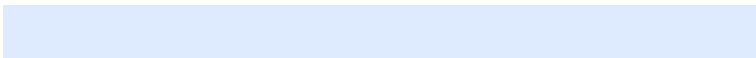
2.8144, 2.5141, 0.3369

Inverse Universe

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



79.5374, 83.8913, 105.7674



77.7987, 82.0667, 106.3478



77.3363, 78.1749, 104.7800



17.5881, 18.5478, 22.9030



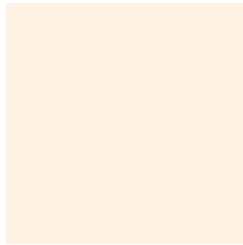
11.9544, 8.8185, 50.5066



1.2667, 1.0640, 4.9519

Previews

White Background



This preview shows how the XYZ color 86.6511, 90.6630, 84.8842 looks on a white background.

Color Contrast Check

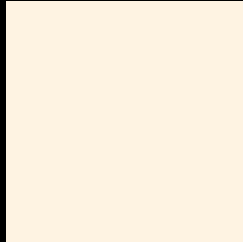
Large Text (above 18pt) WCAG AA × Fail

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 86.6511, 90.6630, 84.8842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

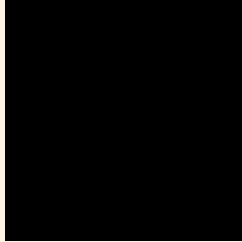
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.6511, 90.6630, 84.8842

Background



This preview shows how black text looks on a background with the XYZ color 86.6511, 90.6630, 84.8842.



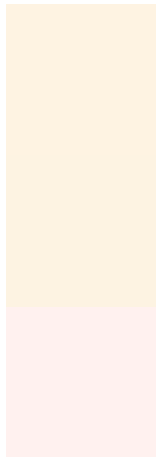
This preview shows how white text looks on a background with the XYZ color 86.6511, 90.6630,

84.8842.

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

86.6511, 90.6630, 84.8842

Protanopia

86.2861, 90.4748, 84.8671

Deuteranopia

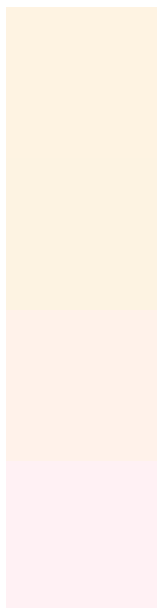
88.2753, 90.4026, 94.4582



Tritanopia

90.2895, 90.7359, 106.5210

Trichromacy



Original Color

86.6511, 90.6630, 84.8842

Protanomaly

86.2861, 90.4748, 84.8671

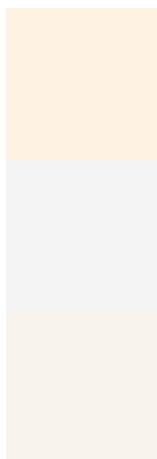
Deuteranomaly

87.8434, 90.7048, 90.7198

Tritanomaly

89.0244, 90.7022, 98.4031

Monochromacy



Original Color

86.6511, 90.6630, 84.8842

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.3481, 90.7723, 93.0905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.6511, 90.6630, 84.8842 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, 243, 226) looks like.

```
.text, #text, p{  
    color:rgb(254, 243, 226)  
}
```

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, 243, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 243, 226) }
```

Border

The CSS property to change the border of an element to XYZ 86.6511, 90.6630, 84.8842 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, 243, 226) }
```


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

```
.border{ border-color:rgb(254, 243, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 243, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 243, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 243, 226); box-shadow:4px 4px 4px 4px rgb(254, 243, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 86.6511, 90.6630, 84.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 243, 226) }
```

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

```
.background{ background-color: rgb(254,  
243, 226) }
```

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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