

Converting Colors

XYZ(80.5054, 82.6891, 69.4474)

Have a look what the booklet for
XYZ(80.5054, 82.6891, 69.4474)
contains.

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Color

**XYZ(80.4684, 82.6304,
69.4657)**

Conversions

Conversions Part 1

Format	Color
Hex	FEE7CD
RGB	254, 231, 205
RGB Percent	100%, 91%, 80%
CMY	0.0039, 0.0941, 0.1961
CMYK	0.00, 0.09, 0.19, 0.00
HSL	32°, 96%, 90%
HSV	32°, 19%, 100%
XYZ	80.4684, 82.6304, 69.4657
YIQ	234.9130, 22.0540, -3.2100

Conversions

Conversions Part 2

Format	Color
R _Y B	248, 254, 205
Decimal	16705485
CIE Lab	92.85, 3.81, 15.50
CIE LCh	93, 15.965, 76.180
Yxy	82.6304, 0.3460, 0.3553
Android (android.graphics.Color)	4294895565 (0xFFFE7CD)
YUV	234.9130, -14.7471, 16.7393
Hunter-Lab	90.9013, -1.0639, 18.3222

Details

The XYZ color **80.4684, 82.6304, 69.4657** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.8092, 75.6200, 104.6306**, and the grayscale version is **78.9982, 83.1123, 90.5092**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.9418, 44.7646, 35.6026** is the 20% darker color. If you saturate the color by 10%, you get **74.4250, 75.0581, 53.5326**, and if you desaturate by 10%, it is **87.2412, 90.8637, 88.0995**.

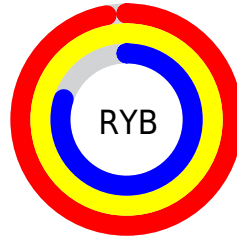
Distribution



Red (100%)

Green (91%)

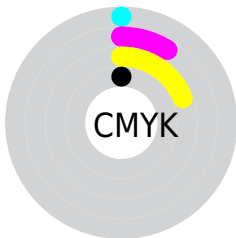
Blue (80%)



Red (97%)

Yellow (100%)

Blue (80%)

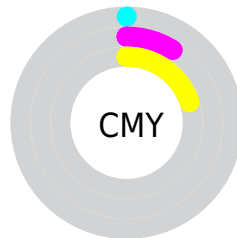


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 80.4684, 82.6304, 69.4657 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 80.4684, 82.6304, 69.4657 by changing the saturation by 10% instead.


 80.4684, 82.6304,
69.4657

 80.4684, 82.6304,
69.4657

485.2225,
503.7539, 477.4101

 60.4137, 61.8853,
50.6170


132.9711,
137.0577, 120.1204

 44.0029, 44.9400,
35.5293


166.1499,
171.5087, 152.7635

 30.8707, 31.4102,
23.7840


204.4340,
211.2970, 190.8418

 20.6517, 20.9114,
14.9628

248.1888,
256.8072, 234.7738

 12.9807, 13.0592,
8.6469

297.7797,
308.4236, 284.9781

 7.4922, 7.4694,
4.4180

353.5721,

 3.8208, 3.7573,

366.5306, 341.8733

1.8573

415.9312,
431.5126, 405.8777

■ 1.6013, 1.5388,
0.4654

■ 0.3932, 0.3158,
0.0000

■ 80.4684, 82.6304,
69.4657

■ 80.4684, 82.6304,
69.4657

■ 74.4250, 75.0581,
53.5326

■ 87.2412, 90.8637,
88.0995

■ 69.0760, 68.1171,
40.1672

94.6342, 99.7127,
108.8665

■ 64.3929, 61.7914,
29.2328

94.6833, 99.8110,
108.8828

■ 60.3426, 56.0601,
20.5782

■ 56.8883, 50.9007,
14.0345

■ 53.9888, 46.2883,
9.4093

■ 51.5956, 42.1952,
6.4743

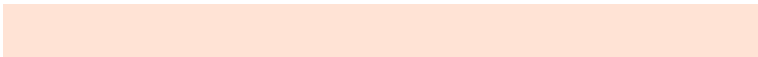
■ 49.6377, 38.5839,
4.8830

■ 49.5096, 38.3436,
4.7916

Harmonies

Analogous

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



84.2205, 82.6304, 74.4001



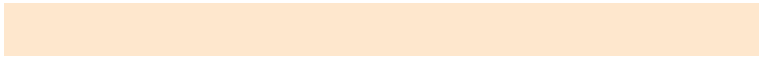
80.4684, 82.6304, 69.4657



76.3248, 82.6304, 69.6719

Triad

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



80.4684, 82.6304, 69.4657



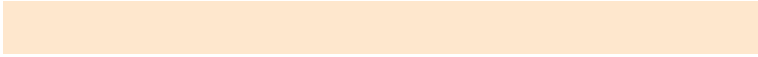
71.0870, 82.6304, 96.5214



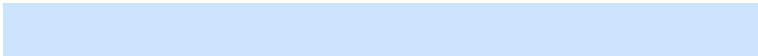
84.4654, 82.6304, 106.8229

Complementary

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



80.4684, 82.6304, 69.4657



70.8092, 75.6200, 104.6306

Split Complementary

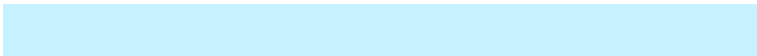
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.7930, 82.6304, 113.8720



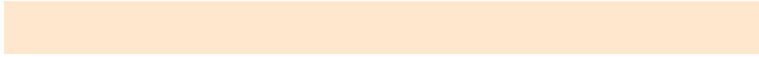
80.4684, 82.6304, 69.4657



73.1164, 82.6304, 107.5744

Square

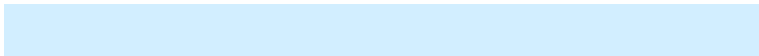
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.4684, 82.6304, 69.4657



71.0071, 82.6304, 84.5965



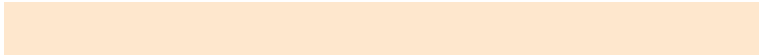
76.6382, 82.6304, 114.1587



86.5828, 82.6304, 95.5673

Rectangle

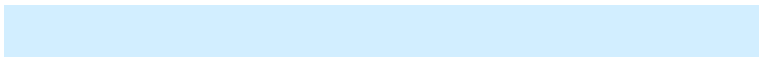
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.4684, 82.6304, 69.4657



73.8994, 82.6304, 72.6809



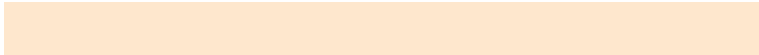
76.6382, 82.6304, 114.1587



83.3661, 82.6304, 109.8050

Sweetspot

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



80.4706, 82.6341, 69.4674



90.4357, 94.5576, 95.6896



76.8039, 70.3740, 83.4336



19.2530, 20.1156, 20.1872



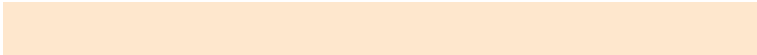
0.0000, 0.0000, 0.0000



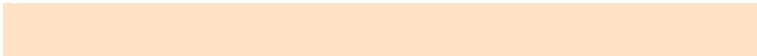
20.3446, 21.4041, 23.3091

Same Dimension

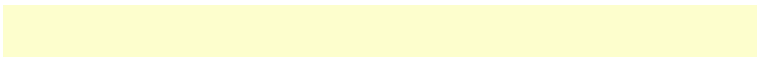
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.4706, 82.6341, 69.4674



78.8433, 80.4606, 63.8086



87.0368, 96.2092, 71.7416



18.8075, 19.5832, 18.9330



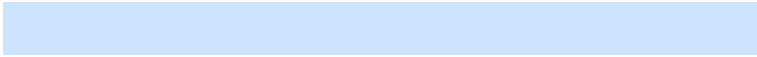
26.2511, 20.5134, 2.5759



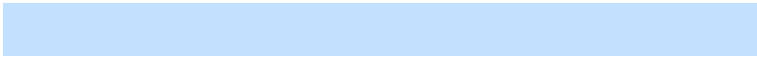
2.6654, 2.2162, 0.2873

Inverse Universe

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



70.8092, 75.6200, 104.6306



67.5278, 72.2462, 104.9936



65.1245, 63.9151, 102.6710



17.7059, 18.7833, 22.9423



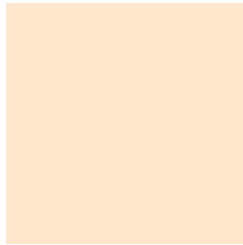
13.0667, 11.0430, 50.8774



1.3805, 1.2917, 4.9898

Previews

White Background



This preview shows how the XYZ color 80.4684, 82.6304, 69.4657 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 80.4684, 82.6304, 69.4657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

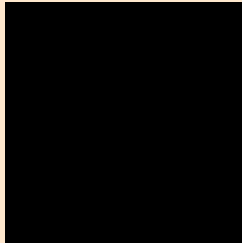
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.4684, 82.6304, 69.4657

Background



This preview shows how black text looks on a background with the XYZ color 80.4684, 82.6304, 69.4657.

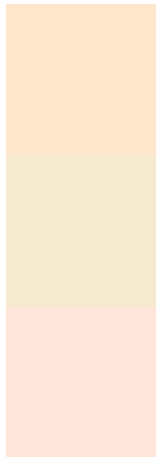


This preview shows how white text looks on a background with the XYZ color 80.4684, 82.6304,

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

80.4684, 82.6304, 69.4657

Protanopia

78.2196, 82.7143, 70.2354

Deuteranopia

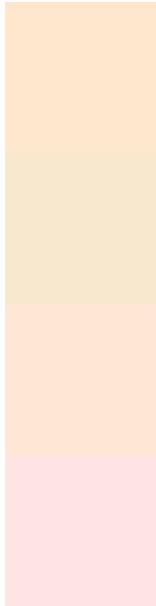
81.9142, 82.3606, 77.9095



Tritanopia

84.7361, 82.6090, 95.4835

Trichromacy



Original Color

80.4684, 82.6304, 69.4657

Protanomaly

78.9909, 82.6905, 70.1901

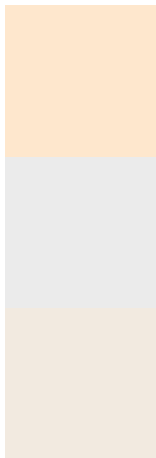
Deuteranomaly

81.5471, 82.6577, 74.6073

Tritanomaly

83.1263, 82.4039, 85.6531

Monochromacy



Original Color

80.4684, 82.6304, 69.4657

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

79.4953, 83.1047, 82.3720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.4684, 82.6304, 69.4657 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, 231, 205)` looks like.

```
.text, #text, p{  
    color:rgb(254, 231, 205)  
}
```

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, 231, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 231, 205) }
```

Border

The CSS property to change the border of an element to XYZ 80.4684, 82.6304, 69.4657 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, 231, 205) }
```


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

```
.border{ border-color:rgb(254, 231, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 231, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 231, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 231, 205);  
box-shadow:4px 4px 4px 4px rgb(254, 231,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 80.4684, 82.6304, 69.4657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 231, 205) }
```

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

```
.background{ background-color: rgb(254,  
231, 205) }
```

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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