

Converting Colors

XYZ(79.9542, 81.5038, 67.8125)

Have a look what the booklet for
XYZ(79.9542, 81.5038, 67.8125)
contains.

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Color

**XYZ(80.0388, 81.6104,
68.0338)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE5CB
RGB	255, 229, 203
RGB Percent	100%, 90%, 80%
CMY	0.0000, 0.1019, 0.2039
CMYK	0.00, 0.10, 0.20, 0.00
HSL	30°, 100%, 90%
HSV	30°, 20%, 100%
XYZ	80.0388, 81.6104, 68.0338
YIQ	233.8100, 23.8420, -2.5740

Conversions

Conversions Part 2

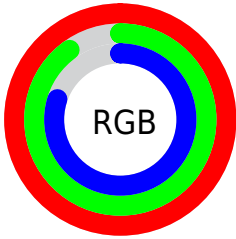
Format	Color
RYP	255, 255, 203
Decimal	16770507
CIELab	92.40, 4.91, 15.92
CIElCh	92, 16.658, 72.861
Yxy	81.6104, 0.3485, 0.3553
Android (android.graphics.Color)	4294960587 (0xFFFFE5CB)
YUV	233.8100, -15.1893, 18.5836
Hunter-Lab	90.3385, 0.0565, 18.5857

Details

The XYZ color **80.0388, 81.6104, 68.0338** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.6972, 75.9529, 105.5420**, and the grayscale version is **78.1633, 82.2339, 89.5527**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8496, 44.4478, 34.7019** is the 20% darker color. If you saturate the color by 10%, you get **73.8482, 73.6988, 52.1908**, and if you desaturate by 10%, it is **86.9922, 90.2470, 86.5990**.

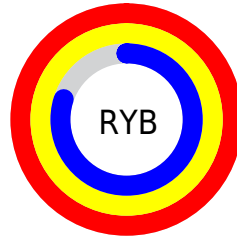
Distribution



Red (100%)

Green (90%)

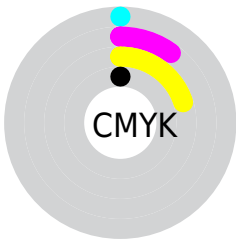
Blue (80%)



Red (100%)

Yellow (100%)

Blue (80%)

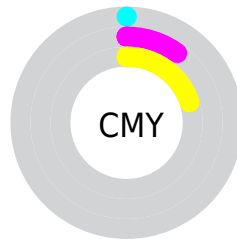


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (10%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0388, 81.6104, 68.0338 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 80.0388, 81.6104, 68.0338 by changing the saturation by 10% instead.


 80.0388, 81.6104,
68.0338

 80.0388, 81.6104,
68.0338


483.7981,
500.3436, 472.2171

 60.0589, 61.0444,
49.4584


132.3705,
135.6275, 118.0552

 43.7157, 44.2610,
34.6151


165.4530,
169.8475, 150.3382

 30.6440, 30.8758,
23.0853


203.6337,
209.3875, 188.0275

 20.4784, 20.5043,
14.4506

247.2780,
254.6321, 231.5416

 12.8536, 12.7621,
8.2924

296.7512,
305.9656, 281.2991

 7.4041, 7.2650,
4.1922

352.4188,

 3.7646, 3.6283,

363.7724, 337.7185

1.7314

414.6459,
428.4370, 401.2183

■ 1.5699, 1.4679,
0.3821

■ 0.3726, 0.2660,
0.0000

■ 80.0388, 81.6104,
68.0338

■ 80.0388, 81.6104,
68.0338

■ 73.8482, 73.6988,
52.1908

■ 86.9922, 90.2470,
86.5990

■ 68.3846, 66.4809,
38.9344

94.7307, 99.6179,
108.0028

■ 63.6178, 59.9381,
28.1251

95.0500, 100.0000,
108.9000

■ 59.5128, 54.0470,
19.6078

■ 56.0310, 48.7824,
13.2098

■ 53.1289, 44.1166,
8.7330

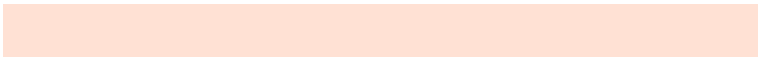
■ 50.7553, 40.0184,
5.9410

■ 48.8975, 36.5750,
4.4825

Harmonies

Analogous

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



83.8097, 81.6104, 73.6577



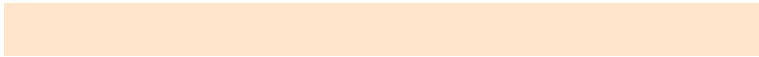
80.0388, 81.6104, 68.0338



75.7361, 81.6104, 67.6504

Triad

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



80.0388, 81.6104, 68.0338



69.7579, 81.6104, 94.2543



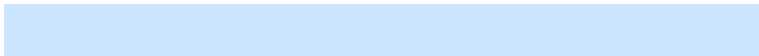
83.3496, 81.6104, 107.4386

Complementary

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



80.0388, 81.6104, 68.0338



70.6972, 75.9529, 105.5420

Split Complementary

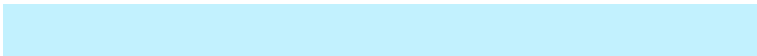
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4296, 81.6104, 114.0949



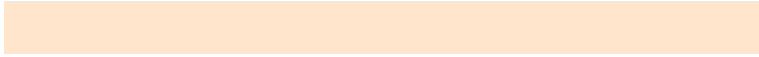
80.0388, 81.6104, 68.0338



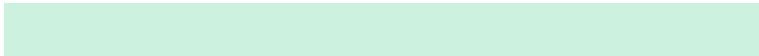
71.6446, 81.6104, 106.0218

Square

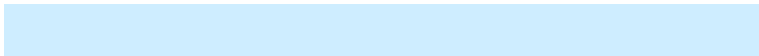
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.0388, 81.6104, 68.0338



69.9073, 81.6104, 82.0404



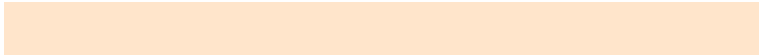
75.1490, 81.6104, 113.5535



85.7693, 81.6104, 96.0471

Rectangle

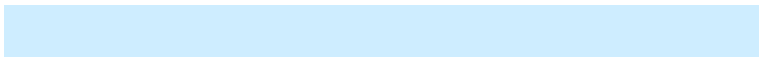
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.0388, 81.6104, 68.0338



73.1531, 81.6104, 70.3587



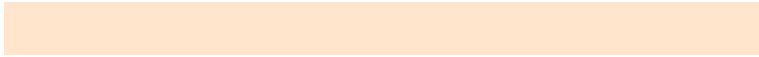
75.1490, 81.6104, 113.5535



82.1575, 81.6104, 110.3494

Sweetspot

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



80.0407, 81.6140, 68.0355



90.2920, 94.2702, 95.6417



76.7393, 69.6299, 83.5247



19.2191, 20.0477, 20.1759



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.



80.0407, 81.6140, 68.0355



77.7201, 78.6760, 62.0109



87.7797, 97.0919, 70.6152



18.7599, 19.4880, 18.9171



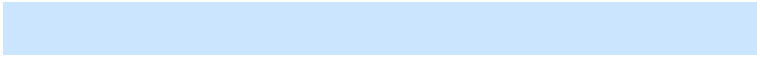
25.6993, 19.4098, 2.3920



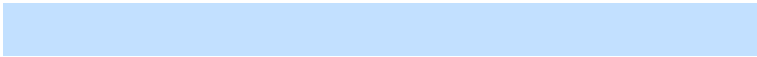
2.6115, 2.1083, 0.2693

Inverse Universe

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



70.6972, 75.9529, 105.5420



67.0084, 72.1861, 105.0093



64.0355, 62.6295, 103.3214



17.7533, 18.8781, 22.9581



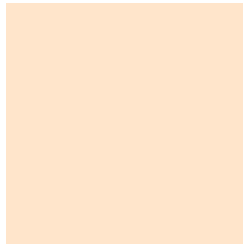
13.5785, 12.0665, 51.0480



1.4313, 1.3933, 5.0068

Previews

White Background



This preview shows how the XYZ color 80.0388, 81.6104, 68.0338 looks on a white background.

Color Contrast Check

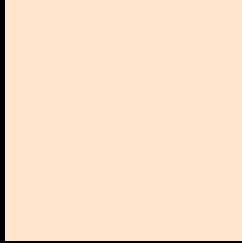
Large Text (above 18pt) WCAG AA × Fail

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 80.0388, 81.6104, 68.0338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

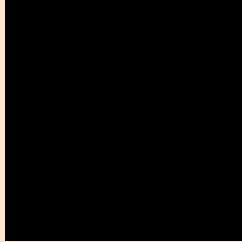
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.0388, 81.6104, 68.0338

Background



This preview shows how black text looks on a background with the XYZ color 80.0388, 81.6104, 68.0338.



This preview shows how white text looks on a background with the XYZ color 80.0388, 81.6104,

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

80.0388, 81.6104, 68.0338

Protanopia

77.4666, 81.9187, 69.4866

Deuteranopia

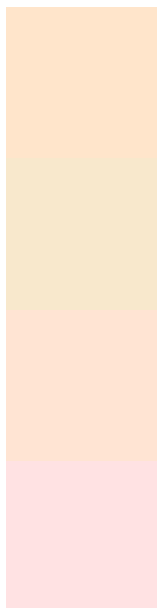
81.2491, 81.6531, 75.7683



Tritanopia

83.8934, 81.4017, 93.7285

Trichromacy



Original Color

80.0388, 81.6104, 68.0338

Protanomaly

78.4671, 82.0293, 68.8243

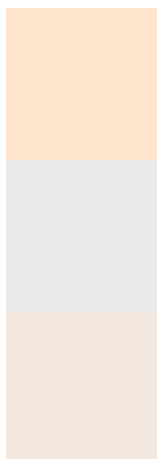
Deuteranomaly

80.7413, 81.4500, 73.0939

Tritanomaly

82.3015, 81.1988, 84.0082

Monochromacy



Original Color

80.0388, 81.6104, 68.0338

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.7938, 81.9182, 81.4709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0388, 81.6104, 68.0338 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, 229, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 203)  
}
```

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, 229, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 203) }
```

Border

The CSS property to change the border of an element to XYZ 80.0388, 81.6104, 68.0338 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, 229, 203) }
```


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

```
.border{ border-color:rgb(255, 229, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0388, 81.6104, 68.0338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 203) }
```

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

```
.background{ background-color: rgb(255,  
229, 203) }
```

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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