

Converting Colors

XYZ(67.6001, 80.4060, 63.5868)

Have a look what the booklet for
XYZ(67.6001, 80.4060, 63.5868)
contains.

XYZ(67.6001, 80.4060, 63.5868)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.6001, 80.4060,
63.5868)**

Conversions

Conversions Part 1

Format	Color
Hex	D1F1C3
RGB	209, 241, 195
RGB Percent	82%, 95%, 76%
CMY	0.1804, 0.0549, 0.2353
CMYK	0.13, 0.00, 0.19, 0.05
HSL	102°, 62%, 85%
HSV	102°, 19%, 95%
XYZ	67.6001, 80.4060, 63.5868
YIQ	226.1880, -4.3060, -21.0900

Conversions

Conversions Part 2

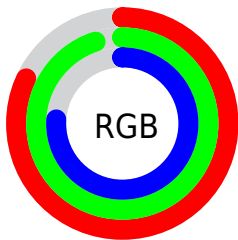
Format	Color
RYB	195, 241, 227
Decimal	13758915
CIELab	91.87, -18.63, 18.80
CIELCh	92, 26.470, 134.733
Yxy	80.4060, 0.3195, 0.3800
Android (android.graphics.Color)	4291948995 (0xFFD1F1C3)
YUV	226.1880, -15.3757, -15.0739
Hunter-Lab	89.6694, -22.3536, 20.7246

Details

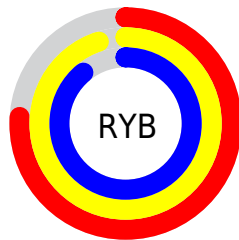
The XYZ color **67.6001, 80.4060, 63.5868** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.0741, 61.7143, 91.6002**, and the grayscale version is **72.5365, 76.3141, 83.1060**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **35.4831, 43.4910, 31.7238** is the 20% darker color. If you saturate the color by 10%, you get **60.5958, 77.0874, 50.1645**, and if you desaturate by 10%, it is **75.5478, 84.1649, 79.3523**.

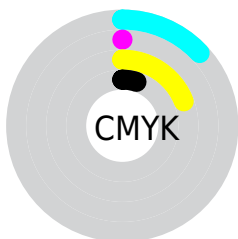
Distribution



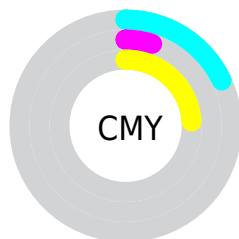
- Red (82%)
- Green (95%)
- Blue (76%)



- Red (76%)
- Yellow (95%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)



- Cyan (18%)
- Magenta (5%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6001, 80.4060, 63.5868 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 67.6001, 80.4060, 63.5868 by changing the saturation by 10% instead.

67.6001, 80.4060,
63.5868

67.6001, 80.4060,
63.5868

441.4768,
496.3000, 455.8624

49.8450, 60.0525,
45.8720

114.8249,
133.9364, 111.6094

35.5075, 43.4610,
31.7969

145.0253,
167.8821, 142.7543

24.2224, 30.2470,
20.9429

180.1048,
207.1273, 179.2130

15.6243, 20.0261,
12.8914

220.4289,
252.0564, 221.4040

9.3479, 12.4140,
7.2240

266.3627,
303.0539, 269.7460

5.0277, 7.0263,
3.5220

318.2717,

2.2984, 3.4786,

360.5040, 324.6573

1.3670

376.5213,
424.7913, 386.5566

0.7939, 1.3864,
0.1157

0.0000, 0.2067,
0.0000

67.6001, 80.4060,
63.5868

67.6001, 80.4060,
63.5868

60.5958, 77.0874,
50.1645

75.5478, 84.1649,
79.3523

54.4921, 74.1823,
38.9685

84.4669, 88.3691,
97.5600

49.2522, 71.6767,
29.8799

90.7469, 91.3938,
107.4656

44.8340, 69.5520,
22.7662

■ 41.1918, 67.7876,
17.4804

■ 38.2745, 66.3609,
13.8546

■ 36.0239, 65.2462,
11.6900

■ 34.3602, 64.4091,
10.6843

■ 34.2303, 64.3435,
10.6154

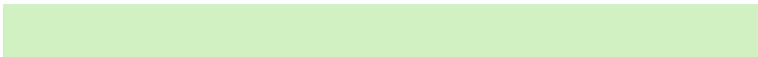
Harmonies

Analogous

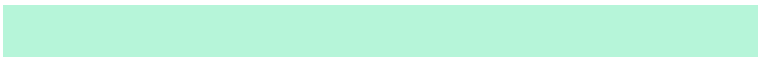
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1519, 80.4060, 56.1434



67.6001, 80.4060, 63.5868



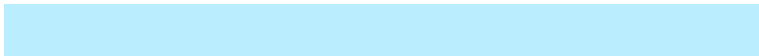
64.5103, 80.4060, 78.0692

Triad

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



67.6001, 80.4060, 63.5868



73.0377, 80.4060, 128.7898



89.7550, 80.4060, 78.3817

Complementary

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



67.6001, 80.4060, 63.5868



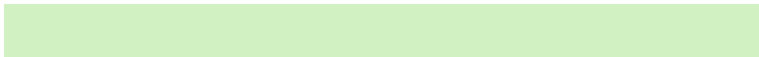
67.0741, 61.7143, 91.6002

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.



89.7199, 80.4060, 97.7656



67.6001, 80.4060, 63.5868



79.7912, 80.4060, 128.9066

Square

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



67.6001, 80.4060, 63.5868



67.5208, 80.4060, 116.5816



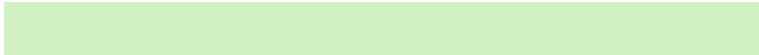
85.9831, 80.4060, 116.8804



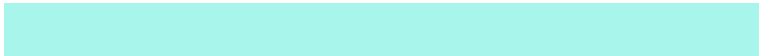
86.0763, 80.4060, 63.7863

Rectangle

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



67.6001, 80.4060, 63.5868



64.1393, 80.4060, 90.6691



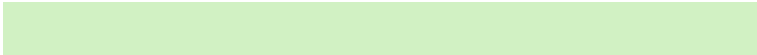
85.9831, 80.4060, 116.8804



90.1838, 80.4060, 84.5002

Sweetspot

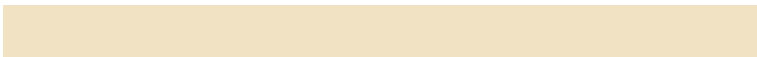
The Sweet Spot groups the original color and five complimentary colors.



67.6022, 80.4095, 63.5886



88.8755, 97.0903, 96.2607



73.4435, 77.2730, 62.6753



18.8844, 20.7159, 20.3225



0.0000, 0.0000, 0.0000



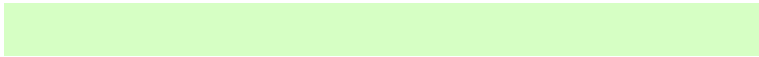
20.3446, 21.4041, 23.3091

Same Dimension

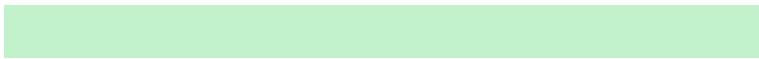
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.6022, 80.4095, 63.5886



73.5529, 89.8473, 65.8993



64.7946, 78.8488, 68.5770



16.0182, 17.8895, 16.7585



18.6811, 34.9520, 5.7618



1.6515, 2.9579, 0.4839

Inverse Universe

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



67.0741, 61.7143, 91.6002



72.8450, 64.8887, 103.2932



70.4399, 63.5916, 85.3320



15.9589, 15.7760, 19.9256



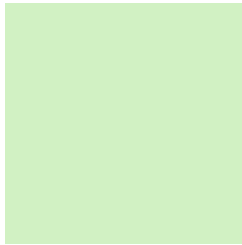
17.4714, 8.0122, 45.7535



1.5540, 0.7184, 3.8110

Previews

White Background



This preview shows how the XYZ color 67.6001, 80.4060, 63.5868 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 67.6001, 80.4060, 63.5868 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

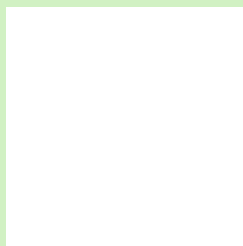
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6001, 80.4060, 63.5868

Background



This preview shows how black text looks on a background with the XYZ color 67.6001, 80.4060, 63.5868.



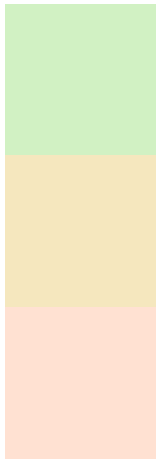
This preview shows how white text looks on a background with the XYZ color 67.6001, 80.4060,

63.5868.

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

67.6001, 80.4060, 63.5868

Protanopia

75.5264, 80.2820, 60.2305

Deuteranopia

79.7981, 79.7636, 72.1629



Tritanopia

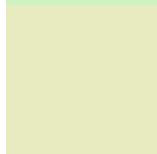
75.6230, 80.2115, 103.5921

Trichromacy



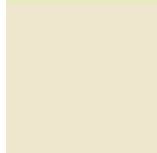
Original Color

67.6001, 80.4060, 63.5868



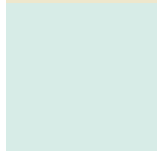
Protanomaly

72.5015, 80.3782, 61.5625



Deuteranomaly

74.8553, 79.7367, 69.2030



Tritanomaly

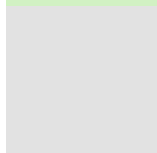
72.4436, 80.2075, 87.2647

Monochromacy



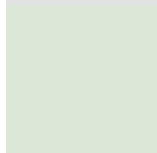
Original Color

67.6001, 80.4060, 63.5868



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

70.3569, 77.2738, 75.4971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6001, 80.4060, 63.5868 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(209, 241, 195)` looks like.

```
.text, #text, p{  
    color:rgb(209, 241, 195)  
}
```

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(209, 241, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 241, 195) }
```

Border

The CSS property to change the border of an element to XYZ 67.6001, 80.4060, 63.5868 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(209, 241, 195) }
```


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

```
.border{ border-color:rgb(209, 241, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 241, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 241, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 241, 195);  
box-shadow:4px 4px 4px 4px rgb(209, 241,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6001, 80.4060, 63.5868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 241, 195) }
```

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

```
.background{ background-color: rgb(209,  
241, 195) }
```

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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