

Converting Colors

XYZ(50.0774, 50.7696, 60.7214)

Have a look what the booklet for XYZ(50.0774, 50.7696, 60.7214) contains.

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Color

**XYZ(50.0001, 50.6644,
60.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BAC6
RGB	194, 186, 198
RGB Percent	76%, 73%, 78%
CMY	0.2392, 0.2706, 0.2235
CMYK	0.02, 0.06, 0.00, 0.22
HSL	280°, 10%, 75%
HSV	280°, 6%, 78%
XYZ	50.0001, 50.6644, 60.5700
YIQ	189.7600, 0.9160, 5.4280

Conversions

Conversions Part 2

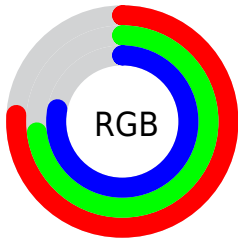
Format	Color
RYB	194, 186, 198
Decimal	12761798
CIELab	76.48, 5.03, -5.05
CIELCh	76, 7.123, 314.894
Yxy	50.6644, 0.3101, 0.3142
Android (android.graphics.Color)	4290951878 (0xFFC2BAC6)
YUV	189.7600, 4.0623, 3.7185
Hunter-Lab	71.1789, 0.8254, -0.6278

Details

The XYZ color **50.0001, 50.6644, 60.5700** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.2941, 54.8819, 54.3995**, and the grayscale version is **48.7838, 51.3243, 55.8922**.

A 20% lighter version of the original color is **89.2265, 91.0483, 107.4791**, and **24.2368, 24.3641, 29.8109** is the 20% darker color. If you saturate the color by 10%, you get **44.4581, 42.0394, 59.1981**, and if you desaturate by 10%, it is **56.1984, 60.4885, 62.1403**.

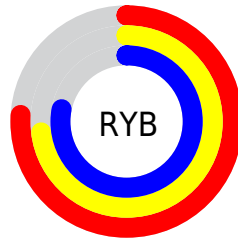
Distribution



Red (76%)

Green (73%)

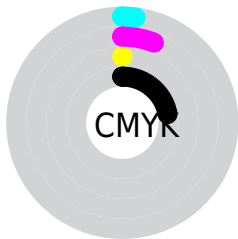
Blue (78%)



Red (76%)

Yellow (73%)

Blue (78%)

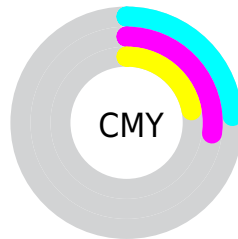


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (22%)



Cyan (24%)

Magenta (27%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0001, 50.6644, 60.5700 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 50.0001, 50.6644, 60.5700 by changing the saturation by 10% instead.

■ 50.0001, 50.6644,
60.5700

■ 50.0001, 50.6644,
60.5700

377.1183,
389.2585, 444.5584

■ 35.6313, 35.9416,
43.4499

■ 89.3668, 91.1585,
107.2075

■ 24.3183, 24.3891,
29.9043

115.0955,
117.6986, 137.5621

■ 15.6960, 15.6225,
19.5145

145.3414,
148.9466, 173.1652

■ 9.3987, 9.2574,
11.8621

180.4700,
185.2868, 214.4355

■ 5.0613, 4.9095,
6.5284

220.8467,
227.1037, 261.7914

■ 2.3184, 2.1942,
3.0950

266.8367,

■ 0.8041, 0.7169,

274.7817, 315.6515

1.1434

318.8055,
328.7052, 376.4343

■ 0.0000, 0.0000,
0.0000

■ 50.0001, 50.6644,
60.5700

■ 50.0001, 50.6644,
60.5700

■ 44.4581, 42.0394,
59.1981

■ 56.1984, 60.4885,
62.1403

■ 39.5432, 34.5593,
58.0133

■ 63.0716, 71.5503,
63.9132

■ 35.2309, 28.1752,
57.0083

■ 70.6434, 83.8945,
65.8968

■ 31.4927, 22.8323,
56.1741

■ 75.5921, 90.8767,
66.9837

■ 28.2982, 18.4706,
55.5006

■ 77.6349, 91.9298,
67.0793

■ 25.6135, 15.0243,
54.9769

■ 79.7575, 93.0241,
67.1786

■ 23.4006, 12.4190,
54.5906

■ 81.9609, 94.1599,
67.2817

■ 21.6155, 10.5683,
54.3275

■ 84.2458, 95.3379,
67.3887

■ 20.2030, 9.3633,
54.1693

■ 86.6132, 96.5583,
67.4995

Harmonies

Analogous

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



48.8216, 50.6644, 62.6228



50.0001, 50.6644, 60.5700



50.6906, 50.6644, 57.1142

Triad

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



50.0001, 50.6644, 60.5700



48.8309, 50.6644, 48.3305



45.7030, 50.6644, 57.0871

Complementary

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



50.0001, 50.6644, 60.5700



50.2941, 54.8819, 54.3995

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.



45.7054, 50.6644, 53.2605



50.0001, 50.6644, 60.5700



47.4945, 50.6644, 48.3240

Square

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



50.0001, 50.6644, 60.5700



50.0071, 50.6644, 50.1096



46.3558, 50.6644, 50.0914



46.3492, 50.6644, 60.5493

Rectangle

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



50.0001, 50.6644, 60.5700



50.7732, 50.6644, 54.5366



46.3558, 50.6644, 50.0914



45.6284, 50.6644, 55.7980

Sweetspot

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



50.0016, 50.6666, 60.5711



92.8217, 96.4680, 108.3357



48.9016, 51.4321, 60.7768



19.8911, 20.6851, 23.1942



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.



50.0016, 50.6666, 60.5711



87.4618, 88.0239, 106.9883



50.8357, 51.1204, 59.5329



10.9654, 11.0067, 13.4641



12.9092, 5.8892, 35.2007



0.6858, 0.3173, 1.6702

Inverse Universe

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



50.1437, 50.8436, 55.8888



87.7606, 88.3925, 97.3104



49.5012, 54.4508, 55.3674



11.0053, 11.0558, 12.1782



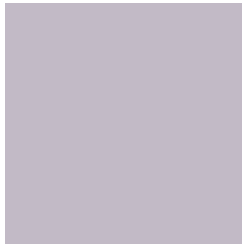
15.8209, 8.0779, 4.2666



0.7829, 0.3960, 0.3799

Previews

White Background



This preview shows how the XYZ color 50.0001, 50.6644, 60.5700 looks on a white background.

Color Contrast Check

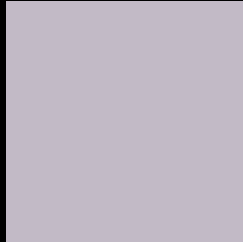
Large Text (above 18pt) WCAG AA × Fail

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 50.0001, 50.6644, 60.5700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

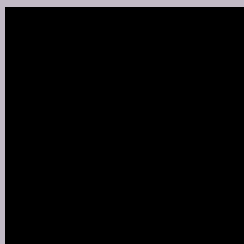
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0001, 50.6644, 60.5700

Background



This preview shows how black text looks on a background with the XYZ color 50.0001, 50.6644, 60.5700.

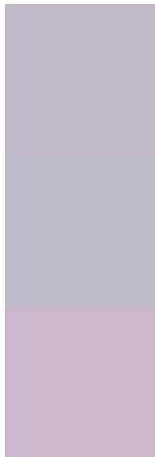


This preview shows how white text looks on a background with the XYZ color 50.0001, 50.6644,

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

50.0001, 50.6644, 60.5700

Protanopia

49.2783, 50.9088, 61.2620

Deuteranopia

51.5994, 50.5471, 61.0698



Tritanopia

50.2324, 50.7573, 61.7932

Trichromacy



Original Color

50.0001, 50.6644, 60.5700

Protanomaly

49.5650, 50.7405, 61.2144

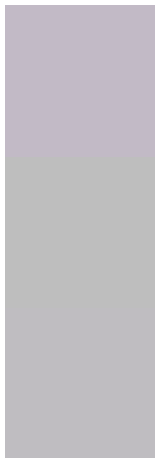
Deuteranomaly

51.0025, 50.5466, 61.1012

Tritanomaly

50.1158, 50.7107, 61.1796

Monochromacy



Original Color

50.0001, 50.6644, 60.5700

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.3091, 51.3218, 57.7593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0001, 50.6644, 60.5700 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(194, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(194, 186, 198)  
}
```

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(194, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 186, 198) }
```

Border

The CSS property to change the border of an element to XYZ 50.0001, 50.6644, 60.5700 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(194, 186, 198) }
```


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

```
.border{ border-color:rgb(194, 186, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 186, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 186, 198);  
box-shadow:4px 4px 4px 4px rgb(194, 186,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0001, 50.6644, 60.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 186, 198) }
```

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

```
.background{ background-color: rgb(194,  
186, 198) }
```

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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