

Converting Colors

XYZ(50.8609, 50.2705, 50.7211)

Have a look what the booklet for
XYZ(50.8609, 50.2705, 50.7211)
contains.

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Color

**XYZ(51.0061, 50.4686,
50.7692)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB7B5
RGB	207, 183, 181
RGB Percent	81%, 72%, 71%
CMY	0.1882, 0.2823, 0.2902
CMYK	0.00, 0.12, 0.13, 0.19
HSL	5°, 21%, 76%
HSV	5°, 13%, 81%
XYZ	51.0061, 50.4686, 50.7692
YIQ	189.9480, 14.9460, 4.4660

Conversions

Conversions Part 2

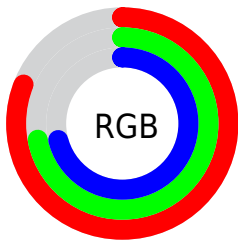
Format	Color
R_{YB}	207, 183, 181
Decimal	13612981
CIE Lab	76.36, 8.23, 4.15
CIE LCh	76, 9.216, 26.742
Yxy	50.4686, 0.3350, 0.3315
Android (android.graphics.Color)	4291803061 (0xFFCFB7B5)
YUV	189.9480, -4.4114, 14.9546
Hunter-Lab	71.0413, 3.8370, 7.3576

Details

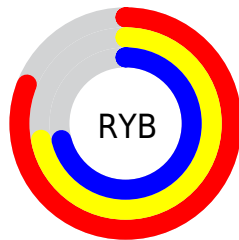
The XYZ color **51.0061, 50.4686, 50.7692** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1495, 57.9901, 67.4766**, and the grayscale version is **48.9334, 51.4817, 56.0636**.

A 20% lighter version of the original color is **87.3926, 89.1074, 92.7141**, and **24.8278, 24.1992, 23.7844** is the 20% darker color. If you saturate the color by 10%, you get **45.3615, 42.3294, 39.1757**, and if you desaturate by 10%, it is **57.5040, 59.8083, 64.2053**.

Distribution



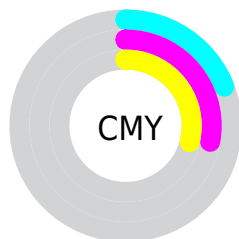
- Red (81%)
- Green (72%)
- Blue (71%)



- Red (81%)
- Yellow (72%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (13%)
- Black (19%)





- Cyan (19%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0061, 50.4686, 50.7692 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 51.0061, 50.4686, 50.7692 by changing the saturation by 10% instead.


 51.0061, 50.4686,
50.7692

 51.0061, 50.4686,
50.7692


380.9748,
388.4956, 406.4873

 36.4345, 35.7859,
35.6495


 90.8467, 90.8688,
92.7215

 24.9416, 24.2689,
23.8761


116.8465,
117.3550, 120.3912

 16.1621, 15.5332,
15.0304


147.3864,
148.5446, 153.0814

 9.7305, 9.1944,
8.6938

182.8317,
184.8218, 191.2105

 5.2815, 4.8682,
4.4480

223.5478,
226.5712, 235.1971

 2.4498, 2.1702,
1.8742

269.9002,

 0.8700, 0.7036,

274.1770, 285.4597

0.4762

322.2540,
328.0237, 342.4170

■ 0.0000, 0.0000,
0.0000

■ 51.0061, 50.4686,
50.7692

■ 51.0061, 50.4686,
50.7692

■ 45.3615, 42.3294,
39.1757

■ 57.5040, 59.8083,
64.2053

■ 40.5308, 35.3356,
29.3413

■ 64.8842, 70.3873,
79.5561

■ 36.4776, 29.4378,
21.1812

■ 73.1795, 82.2511,
96.8936

■ 33.1611, 24.5805,
14.6018

■ 79.5423, 92.0055,
108.1743

■ 30.5369, 20.7030,
9.5009

■ 28.5559, 17.7389,
5.7638

■ 27.1620, 15.6129,
3.2592

■ 26.2899, 14.2382,
1.8297

■ 25.9169, 13.6347,
1.2658

Harmonies

Analogous

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



51.3726, 50.4686, 55.4958



51.0061, 50.4686, 50.7692



49.8193, 50.4686, 47.3530

Triad

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



51.0061, 50.4686, 50.7692



45.2366, 50.4686, 49.8834



47.7798, 50.4686, 65.0388

Complementary

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



51.0061, 50.4686, 50.7692



52.1495, 57.9901, 67.4766

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.



46.1649, 50.4686, 63.3227



51.0061, 50.4686, 50.7692



44.7190, 50.4686, 54.4112

Square

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



51.0061, 50.4686, 50.7692



46.4853, 50.4686, 46.8636



45.0547, 50.4686, 59.3579



49.4837, 50.4686, 63.9207

Rectangle

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



51.0061, 50.4686, 50.7692



48.7370, 50.4686, 46.1779



45.0547, 50.4686, 59.3579



47.2089, 50.4686, 64.7719

Sweetspot

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



51.0075, 50.4708, 50.7703



90.5209, 93.5004, 99.5026



53.3082, 50.7345, 64.9101



19.1984, 19.7591, 20.9314



0.0000, 0.0000, 0.0000



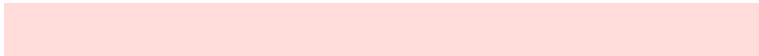
20.3446, 21.4041, 23.3091

Same Dimension

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



51.0075, 50.4708, 50.7703



79.2459, 77.2847, 76.2160



53.7530, 55.9619, 51.6854



11.8809, 11.9525, 12.2929



16.3559, 8.6449, 0.8066



0.9406, 0.5356, 0.0538

Inverse Universe

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



52.1495, 57.9901, 67.4766



81.4178, 91.5870, 107.9946



49.2274, 52.1459, 66.5025



12.0772, 13.2446, 15.1636



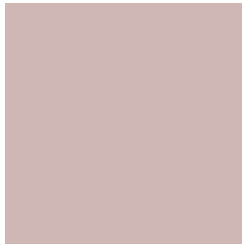
18.8721, 26.3908, 41.2918



1.0789, 1.5230, 2.3167

Previews

White Background



This preview shows how the XYZ color 51.0061, 50.4686, 50.7692 looks on a white background.

Color Contrast Check

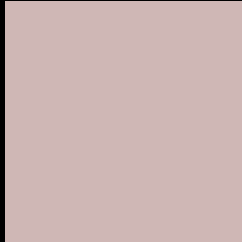
Large Text (above 18pt) WCAG AA × Fail

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 51.0061, 50.4686, 50.7692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

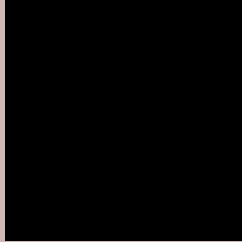
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0061, 50.4686, 50.7692

Background



This preview shows how black text looks on a background with the XYZ color 51.0061, 50.4686, 50.7692.



This preview shows how white text looks on a background with the XYZ color 51.0061, 50.4686,

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

51.0061, 50.4686, 50.7692

Protanopia

48.6273, 50.7646, 52.5830

Deuteranopia

51.3629, 50.3474, 50.7270



Tritanopia

52.6687, 50.5432, 58.6096

Trichromacy



Original Color

51.0061, 50.4686, 50.7692

Protanomaly

49.3949, 50.5425, 51.9520

Deuteranomaly

51.0809, 50.2020, 50.7138

Tritanomaly

52.0346, 50.5835, 55.7363

Monochromacy



Original Color

51.0061, 50.4686, 50.7692

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.5049, 50.8643, 54.2223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0061, 50.4686, 50.7692 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(207, 183, 181)` looks like.

```
.text, #text, p{  
    color:rgb(207, 183, 181)  
}
```

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(207, 183, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 183, 181) }
```

Border

The CSS property to change the border of an element to XYZ 51.0061, 50.4686, 50.7692 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(207, 183, 181) }
```


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

```
.border{ border-color:rgb(207, 183, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 183, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 183, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 183, 181);  
box-shadow:4px 4px 4px 4px rgb(207, 183,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0061, 50.4686, 50.7692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 183, 181) }
```

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

```
.background{ background-color: rgb(207,  
183, 181) }
```

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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