

Converting Colors

XYZ(46.6939, 46.0440, 48.3035)

Have a look what the booklet for
XYZ(46.6939, 46.0440, 48.3035)
contains.

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Color

**XYZ(46.6546, 45.8801,
48.5163)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C6AFB2 |
| RGB | 198, 175, 178 |
| RGB Percent | 78%, 69%, 70% |
| CMY | 0.2235, 0.3137, 0.3020 |
| CMYK | 0.00, 0.12, 0.10, 0.22 |
| HSL | 352°, 17%, 73% |
| HSV | 352°, 12%, 78% |
| XYZ | 46.6546, 45.8801, 48.5163 |
| YIQ | 182.2190, 12.7450, 5.8090 |

Conversions

Conversions Part 2

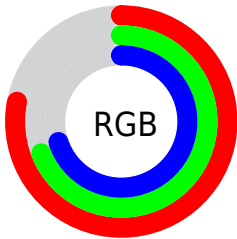
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 198, 175, 178 |
| Decimal | 13021106 |
| CIE _{Lab} | 73.47, 8.78, 1.50 |
| CIE _{LCh} | 73, 8.907, 9.669 |
| Yxy | 45.8801, 0.3308, 0.3253 |
| Android (android.graphics.Color) | 4291211186 (0xFFC6AFB2) |
| YUV | 182.2190, -2.0800, 13.8399 |
| Hunter-Lab | 67.7349, 4.4117, 4.9469 |

Details

The XYZ color **46.6546, 45.8801, 48.5163** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.7254, 53.4435, 59.4326**, and the grayscale version is **44.5900, 46.9121, 51.0873**.

A 20% lighter version of the original color is **84.6672, 84.3523, 89.6611**, and **22.2862, 21.5759, 22.3920** is the 20% darker color. If you saturate the color by 10%, you get **41.4582, 38.0823, 38.7827**, and if you desaturate by 10%, it is **52.6358, 54.8989, 59.5834**.

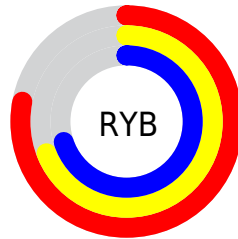
Distribution



Red (78%)

Green (69%)

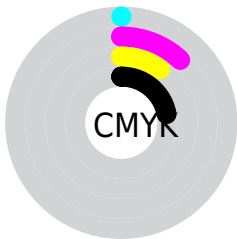
Blue (70%)



Red (78%)

Yellow (69%)

Blue (70%)

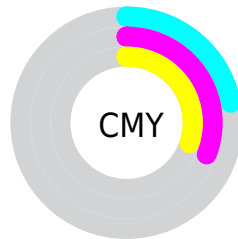


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (22%)



Cyan (22%)


Magenta (31%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.6546, 45.8801, 48.5163 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 46.6546, 45.8801, 48.5163 by changing the saturation by 10% instead.

 46.6546, 45.8801,
48.5163

 46.6546, 45.8801,
48.5163


364.1061,
370.3264, 397.4026

 32.9695, 32.1512,
33.8730


 84.4197, 84.0395,
89.3462

 22.2622, 21.4770,
22.5195


109.2304,
109.2389, 116.3698

 14.1674, 13.4731,
14.0372


138.4803,
139.0305, 148.3574

 8.3196, 7.7552,
8.0075

172.5349,
173.7987, 185.7274

 4.3537, 3.9387,
4.0119

211.7594,
213.9281, 228.8984

 1.9041, 1.6393,
1.6319

256.5192,

 0.5792, 0.3839,

259.8029, 278.2889

0.3134

307.1796,
311.8075, 334.3174

■ 0.0000, 0.0000,
0.0000

■ 46.6546, 45.8801,
48.5163

■ 46.6546, 45.8801,
48.5163

■ 41.4582, 38.0823,
38.7827

■ 52.6358, 54.8989,
59.5834

■ 37.0101, 31.4472,
30.3293

■ 59.4284, 65.1816,
72.0288

■ 33.2768, 25.9209,
23.1036

■ 67.0627, 76.7767,
85.8987

■ 30.2209, 21.4427,
17.0482

■ 75.5662, 89.7279,
101.2364

■ 27.8011, 17.9464,
12.1012

■ 77.0990, 90.7459,
108.0599

■ 25.9722, 15.3577,
8.1949

■ 24.6822, 13.5923,
5.2541

■ 23.8704, 12.5495,
3.1932

■ 23.4732, 12.0796,
2.0600

Harmonies

Analogous

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



46.5028, 45.8801, 53.0229



46.6546, 45.8801, 48.5163



45.9751, 45.8801, 44.6328

Triad

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



46.6546, 45.8801, 48.5163



41.7072, 45.8801, 43.5863



42.5662, 45.8801, 58.5172

Complementary

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



46.6546, 45.8801, 48.5163



47.7254, 53.4435, 59.4326

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.



41.3230, 45.8801, 55.6857



46.6546, 45.8801, 48.5163



40.8353, 45.8801, 47.0089

Square

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



46.6546, 45.8801, 48.5163



43.1021, 45.8801, 41.9015



40.6964, 45.8801, 51.4231



44.1171, 45.8801, 58.9809

Rectangle

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



46.6546, 45.8801, 48.5163



45.1514, 45.8801, 42.8527



40.6964, 45.8801, 51.4231



42.0995, 45.8801, 57.8030

Sweetspot

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



46.6559, 45.8821, 48.5173



91.6051, 94.7947, 102.5584



48.0129, 46.3325, 59.8392



19.4150, 19.9997, 21.5971



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.



46.6559, 45.8821, 48.5173



80.0979, 77.4589, 81.2162



48.0510, 49.1487, 47.5140



10.6892, 10.6591, 11.3466



15.2831, 7.8628, 1.4346



0.7426, 0.3799, 0.1678

Inverse Universe

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



46.6559, 45.8821, 48.5173



80.0979, 77.4589, 81.2162



46.1937, 49.8323, 60.6106



10.6892, 10.6591, 11.3466



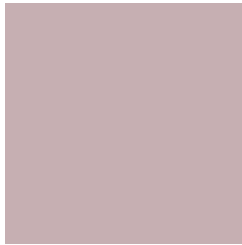
15.2831, 7.8628, 1.4346



0.7426, 0.3799, 0.1678

Previews

White Background



This preview shows how the XYZ color 46.6546, 45.8801, 48.5163 looks on a white background.

Color Contrast Check

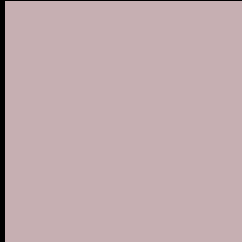
Large Text (above 18pt) WCAG AA × Fail

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 46.6546, 45.8801, 48.5163 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 46.6546, 45.8801, 48.5163

Background



This preview shows how black text looks on a background with the XYZ color 46.6546, 45.8801, 48.5163.



This preview shows how white text looks on a background with the XYZ color 46.6546, 45.8801,

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

46.6546, 45.8801, 48.5163

Protanopia

44.4289, 46.1691, 50.2859

Deuteranopia

46.9190, 46.0164, 48.5286



Tritanopia

47.6589, 46.0021, 53.3811

Trichromacy



Original Color

46.6546, 45.8801, 48.5163

Protanomaly

45.1449, 45.9549, 49.6708

Deuteranomaly

46.9190, 46.0164, 48.5286

Tritanomaly

47.3410, 45.8749, 51.7070

Monochromacy



Original Color

46.6546, 45.8801, 48.5163

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.1996, 46.2678, 50.2644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6546, 45.8801, 48.5163 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(198, 175, 178)` looks like.

```
.text, #text, p{  
    color:rgb(198, 175, 178)  
}
```

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(198, 175, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 175, 178) }
```

Border

The CSS property to change the border of an element to XYZ 46.6546, 45.8801, 48.5163 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(198, 175, 178) }
```


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

```
.border{ border-color:rgb(198, 175, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 175, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 175, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 175, 178);  
box-shadow:4px 4px 4px 4px rgb(198, 175,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6546, 45.8801, 48.5163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 175, 178) }
```

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

```
.background{ background-color: rgb(198,  
175, 178) }
```

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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