

Converting Colors

XYZ(48.0204, 46.8852, 59.2964)

Have a look what the booklet for
XYZ(48.0204, 46.8852, 59.2964)
contains.

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Color

**XYZ(48.0483, 46.9448,
59.3522)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B1C5
RGB	194, 177, 197
RGB Percent	76%, 69%, 77%
CMY	0.2392, 0.3059, 0.2274
CMYK	0.02, 0.10, 0.00, 0.23
HSL	291°, 15%, 73%
HSV	291°, 10%, 77%
XYZ	48.0483, 46.9448, 59.3522
YIQ	184.3630, 3.7120, 9.8240

Conversions

Conversions Part 2

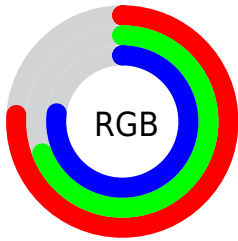
Format	Color
RYB	194, 177, 197
Decimal	12759493
CIELab	74.15, 9.71, -7.94
CIELCh	74, 12.541, 320.732
Yxy	46.9448, 0.3113, 0.3042
Android (android.graphics.Color)	4290949573 (0xFFC2B1C5)
YUV	184.3630, 6.2300, 8.4516
Hunter-Lab	68.5163, 5.2729, -3.3985

Details

The XYZ color **48.0483, 46.9448, 59.3522** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7262, 52.8114, 49.3282**, and the grayscale version is **45.7270, 48.1083, 52.3900**.

A 20% lighter version of the original color is **86.8120, 85.9428, 105.7791**, and **22.9808, 21.9739, 29.0168** is the 20% darker color. If you saturate the color by 10%, you get **43.6841, 39.3306, 58.1132**, and if you desaturate by 10%, it is **52.9920, 55.6942, 60.7811**.

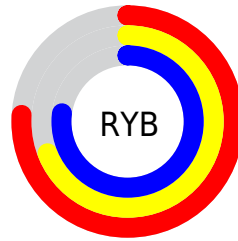
Distribution



Red (76%)

Green (69%)

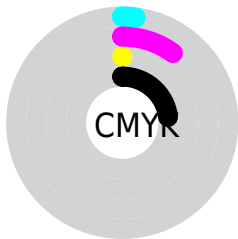
Blue (77%)



Red (76%)

Yellow (69%)

Blue (77%)

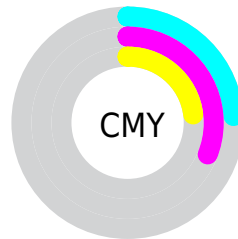


Cyan (2%)

Magenta (10%)

Yellow (0%)

Black (23%)



Cyan (24%)


Magenta (31%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0483, 46.9448, 59.3522 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 48.0483, 46.9448, 59.3522 by changing the saturation by 10% instead.


 48.0483, 46.9448,
59.3522

 48.0483, 46.9448,
59.3522


369.5629,
374.5942, 439.9440

 34.0765, 32.9920,
42.4748


 86.4856, 85.6312,
105.4235

 23.1156, 22.1203,
29.1449


111.6818,
111.1337, 135.4546

 14.8000, 13.9453,
18.9440


141.3502,
141.2548, 170.7072

 8.7646, 8.0827,
11.4534

175.8562,
176.3789, 211.6001

 4.6438, 4.1479,
6.2547

215.5652,
216.8905, 258.5516

 2.0724, 1.7566,
2.9293

260.8423,

 0.6742, 0.4599,

263.1740, 311.9805

1.0586

312.0532,
315.6138, 372.3051

■ 0.0000, 0.0000,
0.0000

■ 48.0483, 46.9448,
59.3522

■ 48.0483, 46.9448,
59.3522

■ 43.6841, 39.3306,
58.1132

■ 52.9920, 55.6942,
60.7811

■ 39.8713, 32.7977,
57.0532

■ 58.5338, 65.6179,
62.4045

■ 36.5855, 27.2967,
56.1646

■ 64.6964, 76.7605,
64.2305

■ 33.7988, 22.7718,
55.4381

■ 71.2427, 88.6478,
66.1799

■ 31.4808, 19.1624,
54.8636

■ 72.0700, 89.0743,
66.2186

■ 29.5974, 16.4005,
54.4297

■ 72.9129, 89.5088,
66.2581

■ 28.1101, 14.4091,
54.1237

■ 73.7713, 89.9513,
66.2983

■ 26.9730, 13.0968,
53.9304

■ 74.6455, 90.4020,
66.3392

■ 26.1092, 12.2955,
53.8212

■ 75.5354, 90.8607,
66.3808

Harmonies

Analogous

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



46.1664, 46.9448, 63.5805



48.0483, 46.9448, 59.3522



49.0203, 46.9448, 53.1333

Triad

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



48.0483, 46.9448, 59.3522



45.3189, 46.9448, 39.8511



40.7002, 46.9448, 55.6208

Complementary

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



48.0483, 46.9448, 59.3522



46.7262, 52.8114, 49.3282

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.



40.4905, 46.9448, 49.1483



48.0483, 46.9448, 59.3522



43.1078, 46.9448, 40.3954

Square

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



48.0483, 46.9448, 59.3522



47.4101, 46.9448, 42.1225



41.3581, 46.9448, 43.6774



41.9409, 46.9448, 61.3038

Rectangle

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



48.0483, 46.9448, 59.3522



48.9999, 46.9448, 48.8455



41.3581, 46.9448, 43.6774



40.5085, 46.9448, 53.4536

Sweetspot

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



48.0497, 46.9468, 59.3532



92.2369, 94.9988, 108.0829



44.6001, 46.1578, 59.3827



19.5852, 20.0546, 23.0886



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.



48.0497, 46.9468, 59.3532



84.3845, 81.1463, 105.8230



48.0803, 47.0489, 55.4550



10.9207, 10.7329, 13.4136



17.2290, 8.1161, 35.4029



0.8594, 0.4068, 1.6784

Inverse Universe

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



46.9880, 46.6120, 49.7028



82.1448, 80.4432, 85.3195



46.7162, 52.7276, 52.8815



10.6976, 10.6624, 11.3911



15.3152, 7.8756, 1.6037



0.7465, 0.3814, 0.1881

Previews

White Background



This preview shows how the XYZ color 48.0483, 46.9448, 59.3522 looks on a white background.

Color Contrast Check

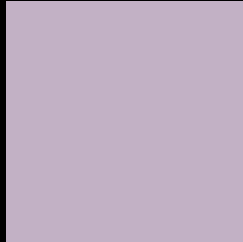
Large Text (above 18pt) WCAG AA × Fail

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 48.0483, 46.9448, 59.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

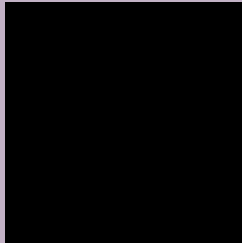
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0483, 46.9448, 59.3522

Background



This preview shows how black text looks on a background with the XYZ color 48.0483, 46.9448, 59.3522.



This preview shows how white text looks on a background with the XYZ color 48.0483, 46.9448,

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

48.0483, 46.9448, 59.3522

Protanopia

46.0053, 47.0416, 61.2988

Deuteranopia

47.7925, 46.8130, 59.3402



Tritanopia

47.4271, 46.9840, 56.4383

Trichromacy



Original Color

48.0483, 46.9448, 59.3522

Protanomaly

46.8798, 47.2051, 60.6735

Deuteranomaly

47.7925, 46.8130, 59.3402

Tritanomaly

47.6503, 47.0733, 57.6135

Monochromacy



Original Color

48.0483, 46.9448, 59.3522

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.4482, 47.4132, 54.8477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0483, 46.9448, 59.3522 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, 177, 197)` looks like.

```
.text, #text, p{  
    color:rgb(194, 177, 197)  
}
```

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, 177, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 177, 197) }
```

Border

The CSS property to change the border of an element to XYZ 48.0483, 46.9448, 59.3522 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, 177, 197) }
```


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

```
.border{ border-color:rgb(194, 177, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 177, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 177, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 177, 197);  
box-shadow:4px 4px 4px 4px rgb(194, 177,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0483, 46.9448, 59.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 177, 197) }
```

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

```
.background{ background-color: rgb(194,  
177, 197) }
```

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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