

Converting Colors

XYZ(48.8212, 46.6268, 60.0362)

Have a look what the booklet for
XYZ(48.8212, 46.6268, 60.0362)
contains.

| | |
|--|----|
| XYZ(48.8117, 46.7429, 59.8757) | 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(48.8117, 46.7429,
59.8757)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C6AFC6 |
| RGB | 198, 175, 198 |
| RGB Percent | 78%, 69%, 78% |
| CMY | 0.2235, 0.3137, 0.2235 |
| CMYK | 0.00, 0.12, 0.00, 0.22 |
| HSL | 300°, 17%, 73% |
| HSV | 300°, 12%, 78% |
| XYZ | 48.8117, 46.7429, 59.8757 |
| YIQ | 184.4990, 6.3250, 12.0290 |

Conversions

Conversions Part 2

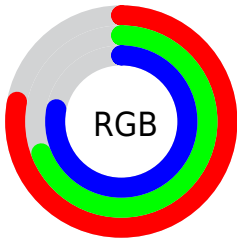
| Format | Color |
|-------------------------------------|--|
| RYB | 198, 175, 198 |
| Decimal | 13021126 |
| CIELab | 74.03, 12.37, -8.64 |
| CIELCh | 74, 15.085, 325.058 |
| Yxy | 46.7429, 0.3140, 0.3007 |
| Android (android.graphics.Color) | 4291211206 (0xFFC6AFC6) |
| YUV | 184.4990, 6.6560, 11.8404 |
| Hunter-Lab | 68.3688, 7.7942, -4.0666 |

Details

The XYZ color **48.8117, 46.7429, 59.8757** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.6129, 52.5986, 48.3083**, and the grayscale version is **45.7989, 48.1841, 52.4724**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **23.6186, 22.1088, 29.4082** is the 20% darker color. If you saturate the color by 10%, you get **45.2376, 39.5940, 58.6848**, and if you desaturate by 10%, it is **52.9536, 55.0260, 61.2570**.

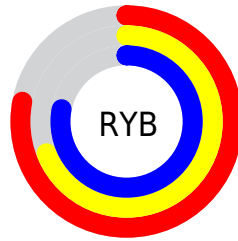
Distribution



Red (78%)

Green (69%)

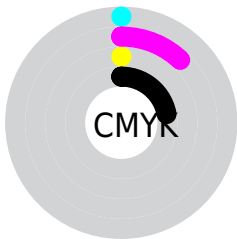
Blue (78%)



Red (78%)

Yellow (69%)

Blue (78%)

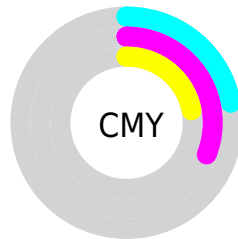


Cyan (0%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8117, 46.7429, 59.8757 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 48.8117, 46.7429, 59.8757 by changing the saturation by 10% instead.

■ 48.8117, 46.7429,
59.8757

■ 48.8117, 46.7429,
59.8757

372.5298,
373.7874, 441.9314

■ 34.6841, 32.8325,
42.8938

■ 87.6141, 85.3297,
106.1909

■ 23.5850, 21.9981,
29.4710

113.0196,
110.7749, 136.3614

■ 15.1491, 13.8555,
19.1888

142.9151,
140.8338, 171.7651

■ 9.0111, 8.0202,
11.6286

177.6659,
175.8907, 212.8206

■ 4.8056, 4.1079,
6.3719

217.6375,
216.3302, 259.9464

■ 2.1672, 1.7341,
3.0001

263.1950,

■ 0.7254, 0.4456,

262.5365, 313.5611

1.0947

314.7040,
314.8941, 374.0833

■ 0.0000, 0.0000,
0.0000

■ 48.8117, 46.7429,
59.8757

■ 48.8117, 46.7429,
59.8757

■ 45.2376, 39.5940,
58.6848

■ 52.9536, 55.0260,
61.2570

■ 42.2027, 33.5242,
57.6731

■ 57.6822, 64.4831,
62.8332

■ 39.6820, 28.4829,
56.8328

■ 63.0205, 75.1597,
64.6128

■ 37.6472, 24.4132,
56.1544

■ 68.9892, 87.0971,
66.6024

■ 36.0668, 21.2526,
55.6275

■ 69.2423, 87.6032,
66.6869

■ 34.9062, 18.9313,
55.2406

■ 69.2423, 87.6033,
66.6870

■ 34.1253, 17.3695,
54.9802

■ 69.2423, 87.6033,
66.6871

■ 33.6764, 16.4719,
54.8305

■ 69.2424, 87.6033,
66.6871

■ 33.4821, 16.0832,
54.7656

■ 69.2424, 87.6033,
66.6872

Harmonies

Analogous

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



46.6585, 46.7429, 65.5552



48.8117, 46.7429, 59.8757



49.7922, 46.7429, 52.1841

Triad

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



48.8117, 46.7429, 59.8757



44.8756, 46.7429, 37.4968



39.8975, 46.7429, 57.4419

Complementary

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



48.8117, 46.7429, 59.8757



45.6129, 52.5986, 48.3083

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.



39.4631, 46.7429, 49.6274



48.8117, 46.7429, 59.8757



42.2692, 46.7429, 38.6017

Square

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



48.8117, 46.7429, 59.8757



47.4618, 46.7429, 39.6747



40.3144, 46.7429, 42.8606



41.5258, 46.7429, 64.0535

Rectangle

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



48.8117, 46.7429, 59.8757



49.6212, 46.7429, 47.1366



40.3144, 46.7429, 42.8606



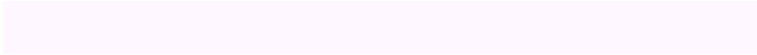
39.6099, 46.7429, 54.8482

Sweetspot

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



48.8131, 46.7449, 59.8767



92.6579, 95.2158, 108.1026



43.2043, 43.8535, 59.6143



19.6992, 20.1134, 23.0939



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.



48.8131, 46.7449, 59.8767



84.6998, 79.2997, 105.4497



47.5364, 46.2343, 53.1539



11.0832, 10.8166, 13.4211



21.7739, 10.4591, 35.6150



1.0310, 0.4952, 1.6864

Inverse Universe

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



48.8131, 46.7449, 59.8767



84.6998, 79.2997, 105.4497



46.7911, 53.0698, 54.5125



11.0832, 10.8166, 13.4211



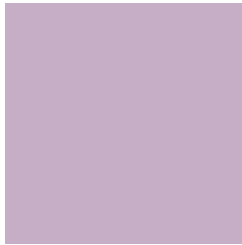
21.7739, 10.4591, 35.6150



1.0310, 0.4952, 1.6864

Previews

White Background



This preview shows how the XYZ color 48.8117, 46.7429, 59.8757 looks on a white background.

Color Contrast Check

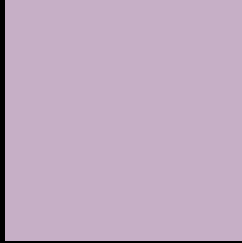
Large Text (above 18pt) WCAG AA × Fail

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 48.8117, 46.7429, 59.8757 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 48.8117, 46.7429, 59.8757

Background



This preview shows how black text looks on a background with the XYZ color 48.8117, 46.7429, 59.8757.



This preview shows how white text looks on a background with the XYZ color 48.8117, 46.7429,

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

48.8117, 46.7429, 59.8757

Protanopia

46.0069, 47.0153, 62.5272

Deuteranopia

47.9075, 46.8590, 59.9458



Tritanopia

47.8456, 46.6387, 55.1956

Trichromacy



Original Color

48.8117, 46.7429, 59.8757

Protanomaly

47.1562, 47.0220, 61.8491

Deuteranomaly

48.2241, 46.7300, 59.9042

Tritanomaly

48.1769, 46.7712, 56.9406

Monochromacy



Original Color

48.8117, 46.7429, 59.8757

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.0533, 47.7126, 55.4447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8117, 46.7429, 59.8757 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 175, 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(198, 175, 198) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 48.8117, 46.7429, 59.8757 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, 198) }
```


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

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

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, 198)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 48.8117, 46.7429, 59.8757 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, 198) }
```

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

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