

Converting Colors

XYZ(48.2645, 46.9289, 51.8618)

Have a look what the booklet for
XYZ(48.2645, 46.9289, 51.8618)
contains.

XYZ(48.2645, 46.9289, 51.8618)	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(48.2645, 46.9289,
51.8618)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B0B8
RGB	201, 176, 184
RGB Percent	79%, 69%, 72%
CMY	0.2118, 0.3098, 0.2784
CMYK	0.00, 0.12, 0.08, 0.21
HSL	341°, 19%, 74%
HSV	341°, 12%, 79%
XYZ	48.2645, 46.9289, 51.8618
YIQ	184.3870, 12.3320, 7.7880

Conversions

Conversions Part 2

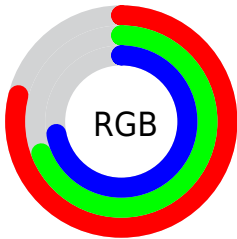
Format	Color
R _Y B	201, 176, 184
Decimal	13217976
CIE Lab	74.14, 10.35, -0.77
CIE LCh	74, 10.378, 355.740
Yxy	46.9289, 0.3282, 0.3191
Android (android.graphics.Color)	4291408056 (0xFFC9B0B8)
YUV	184.3870, -0.1908, 14.5696
Hunter-Lab	68.5047, 5.8778, 3.0675

Details

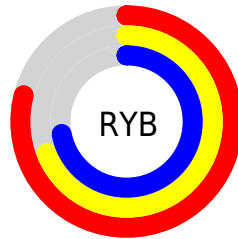
The XYZ color **48.2645, 46.9289, 51.8618** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4186, 54.8549, 58.4909**, and the grayscale version is **45.7713, 48.1550, 52.4408**.

A 20% lighter version of the original color is **85.8248, 85.2645, 94.3723**, and **23.2123, 22.0077, 24.4972** is the 20% darker color. If you saturate the color by 10%, you get **43.2473, 39.0775, 43.4581**, and if you desaturate by 10%, it is **54.0064, 56.0069, 61.1915**.

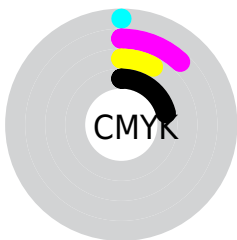
Distribution



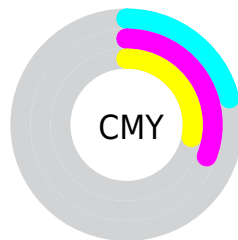
- Red (79%)
- Green (69%)
- Blue (72%)



- Red (79%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (21%)





- Cyan (21%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2645, 46.9289, 51.8618 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 48.2645, 46.9289, 51.8618 by changing the saturation by 10% instead.

 48.2645, 46.9289,
51.8618

 48.2645, 46.9289,
51.8618


370.4047,
374.5307, 410.8446

 34.2485, 32.9795,
36.5134


 86.8054, 85.6075,
94.3519

 23.2484, 22.1107,
24.5382


112.0610,
111.1054, 122.3307

 14.8987, 13.9383,
15.5174


141.7939,
141.2216, 155.3568

 8.8342, 8.0777,
9.0327

176.3694,
176.3405, 193.8486

 4.6894, 4.1447,
4.6654

216.1529,
216.8464, 238.2248

 2.0991, 1.7549,
1.9970

261.5097,

 0.6887, 0.4588,

263.1239, 288.9038

0.5535

312.8052,
315.5571, 346.3042

■ 0.0000, 0.0000,
0.0000

■ 48.2645, 46.9289,
51.8618

■ 48.2645, 46.9289,
51.8618

■ 43.2473, 39.0775,
43.4581

■ 54.0064, 56.0069,
61.1915

■ 38.9213, 32.3938,
35.9481

■ 60.4968, 66.3548,
71.4718

■ 35.2563, 26.8233,
29.3024

■ 67.7632, 78.0213,
82.7303

■ 32.2184, 22.3049,
23.4882

■ 75.3806, 90.1508,
94.8425

■ 29.7702, 18.7714,
18.4711

■ 77.4741, 90.9882,
105.8666

■ 27.8705, 16.1475,
14.2134

■ 77.8977, 91.1577,
108.0973

■ 26.4721, 14.3474,
10.6744

■ 25.5192, 13.2682,
7.8085

■ 25.0217, 12.7913,
6.0457

Harmonies

Analogous

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



47.6241, 46.9289, 57.0793



48.2645, 46.9289, 51.8618



47.9020, 46.9289, 46.7800

Triad

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



48.2645, 46.9289, 51.8618



43.0703, 46.9289, 42.4208



42.6226, 46.9289, 60.0329

Complementary

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



48.2645, 46.9289, 51.8618



48.4186, 54.8549, 58.4909

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.



41.4619, 46.9289, 55.6730



48.2645, 46.9289, 51.8618



41.7153, 46.9289, 45.5491

Square

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



48.2645, 46.9289, 51.8618



44.8706, 46.9289, 41.5546



41.1344, 46.9289, 50.3409



44.3395, 46.9289, 62.0000

Rectangle

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



48.2645, 46.9289, 51.8618



47.1457, 46.9289, 44.1119



41.1344, 46.9289, 50.3409



42.1563, 46.9289, 58.7845

Sweetspot

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



48.2658, 46.9310, 51.8628



90.7850, 93.2251, 102.0676



47.9770, 46.5637, 61.7180



19.2651, 19.6898, 21.5780



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.



48.2658, 46.9310, 51.8628



80.1294, 76.4133, 84.6447



48.2804, 48.2640, 47.8480



10.7714, 10.6919, 11.7793



15.7698, 8.0575, 3.9976



0.7800, 0.3948, 0.3646

Inverse Universe

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



48.2658, 46.9310, 51.8628



80.1294, 76.4133, 84.6447



48.3771, 53.3054, 62.9982



10.7714, 10.6919, 11.7793



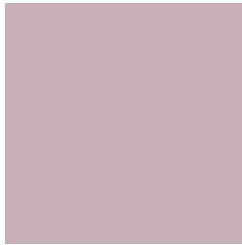
15.7698, 8.0575, 3.9976



0.7800, 0.3948, 0.3646

Previews

White Background



This preview shows how the XYZ color 48.2645, 46.9289, 51.8618 looks on a white background.

Color Contrast Check

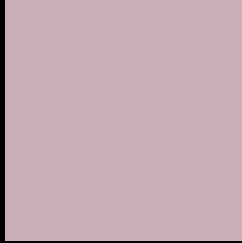
Large Text (above 18pt) WCAG AA × Fail

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 48.2645, 46.9289, 51.8618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

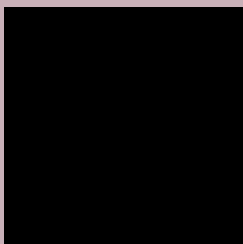
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

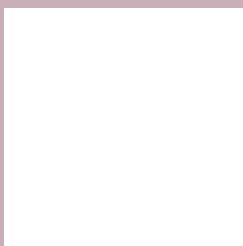
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.2645, 46.9289, 51.8618

Background



This preview shows how black text looks on a background with the XYZ color 48.2645, 46.9289, 51.8618.



This preview shows how white text looks on a background with the XYZ color 48.2645, 46.9289,

51.8618.

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

48.2645, 46.9289, 51.8618

Protanopia

45.2607, 46.8260, 53.6665

Deuteranopia

47.9271, 47.0471, 51.9024



Tritanopia

48.8724, 46.8906, 54.6191

Trichromacy



Original Color

48.2645, 46.9289, 51.8618

Protanomaly

46.2182, 46.7325, 53.0387

Deuteranomaly

48.1933, 47.1843, 51.9148

Tritanomaly

48.6567, 46.8044, 53.4834

Monochromacy



Original Color

48.2645, 46.9289, 51.8618

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.4108, 47.4556, 52.0611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2645, 46.9289, 51.8618 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(201, 176, 184)` looks like.

```
.text, #text, p{  
    color:rgb(201, 176, 184)  
}
```

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(201, 176, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 176, 184) }
```

Border

The CSS property to change the border of an element to XYZ 48.2645, 46.9289, 51.8618 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(201, 176, 184) }
```


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

```
.border{ border-color:rgb(201, 176, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 176, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 176, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 176, 184);  
box-shadow:4px 4px 4px 4px rgb(201, 176,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2645, 46.9289, 51.8618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 176, 184) }
```

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

```
.background{ background-color: rgb(201,  
176, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor