

Converting Colors

XYZ(48.8306, 45.5367, 50.4718)

Have a look what the booklet for
XYZ(48.8306, 45.5367, 50.4718)
contains.

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Color

**XYZ(48.8306, 45.5367,
50.4718)**

Conversions

Conversions Part 1

Format	Color
Hex	D0AAB6
RGB	208, 170, 182
RGB Percent	82%, 67%, 71%
CMY	0.1843, 0.3333, 0.2863
CMYK	0.00, 0.18, 0.12, 0.18
HSL	341°, 29%, 74%
HSV	341°, 18%, 82%
XYZ	48.8306, 45.5367, 50.4718
YIQ	182.7300, 18.7960, 11.7880

Conversions

Conversions Part 2

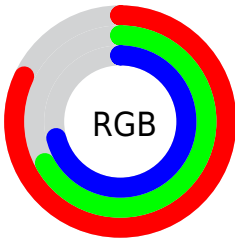
Format	Color
R _Y B	208, 170, 182
Decimal	13675190
CIE Lab	73.24, 15.78, -0.92
CIE LCh	73, 15.810, 356.681
Yxy	45.5367, 0.3371, 0.3144
Android (android.graphics.Color)	4291865270 (0xFFD0AAB6)
YUV	182.7300, -0.3599, 22.1618
Hunter-Lab	67.4809, 11.0748, 2.8911

Details

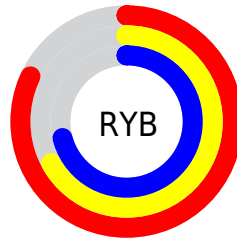
The XYZ color **48.8306, 45.5367, 50.4718** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.0990, 57.6444, 60.7659**, and the grayscale version is **44.8576, 47.1937, 51.3939**.

A 20% lighter version of the original color is **83.5978, 81.2835, 92.1721**, and **23.5778, 21.3142, 23.6402** is the 20% darker color. If you saturate the color by 10%, you get **43.8388, 37.7883, 41.9160**, and if you desaturate by 10%, it is **54.5914, 54.5828, 60.0226**.

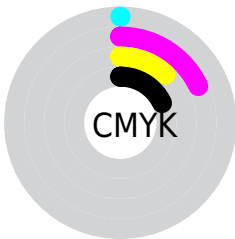
Distribution



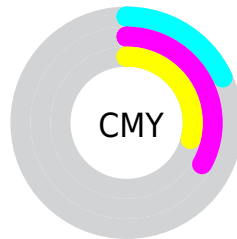
- Red (82%)
- Green (67%)
- Blue (71%)



- Red (82%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (12%)
- Black (18%)





- Cyan (18%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8306, 45.5367, 50.4718 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 48.8306, 45.5367, 50.4718 by changing the saturation by 10% instead.

 48.8306, 45.5367,
50.4718

 48.8306, 45.5367,
50.4718


372.6031,
368.9429, 405.2959

 34.6991, 31.8804,
35.4146

 87.6420, 83.5252,
92.2770

 23.5966, 21.2701,
23.6963


113.0527,
108.6262, 119.8621

 15.1578, 13.3216,
14.8984


142.9538,
138.3108, 152.4603

 9.0172, 7.6504,
8.6023

177.7106,
172.9635, 190.4901

 4.8096, 3.8721,
4.3894

217.6887,
212.9687, 234.3700

 2.1696, 1.6023,
1.8413

263.2532,

 0.7266, 0.3591,

258.7107, 284.5186

0.4550

314.7695,
310.5740, 341.3544

■ 0.0000, 0.0000,
0.0000

■ 48.8306, 45.5367,
50.4718

■ 48.8306, 45.5367,
50.4718

■ 43.8388, 37.7883,
41.9160

■ 54.5914, 54.5828,
60.0226

■ 39.5788, 31.2718,
34.3194

■ 61.1486, 64.9762,
70.5971

■ 36.0159, 25.9249,
27.6479

■ 68.5331, 76.7714,
82.2261

■ 33.1111, 21.6772,
21.8643

■ 76.7728, 90.0182,
94.9383

■ 30.8214, 18.4511,
16.9287

■ 79.5287, 92.0324,
106.6395

■ 29.0981, 16.1581,
12.7978

■ 79.8226, 92.1500,
108.1874

■ 27.8848, 14.6949,
9.4235

■ 27.0993, 13.9073,
6.7470

■ 26.9863, 13.7995,
6.3448

Harmonies

Analogous

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



47.8957, 45.5367, 58.4599



48.8306, 45.5367, 50.4718



48.2270, 45.5367, 43.0306

Triad

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



48.8306, 45.5367, 50.4718



40.9289, 45.5367, 37.1407



40.4155, 45.5367, 63.4813

Complementary

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



48.8306, 45.5367, 50.4718



49.0990, 57.6444, 60.7659

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.



38.6858, 45.5367, 56.7661



48.8306, 45.5367, 50.4718



38.9732, 45.5367, 41.6513

Square

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



48.8306, 45.5367, 50.4718



43.5910, 45.5367, 35.8352



38.1691, 45.5367, 48.7022



42.9731, 45.5367, 66.4587

Rectangle

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



48.8306, 45.5367, 50.4718



47.0467, 45.5367, 39.2725



38.1691, 45.5367, 48.7022



39.7223, 45.5367, 61.5535

Sweetspot

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



48.8319, 45.5387, 50.4728



89.7435, 91.5839, 100.3581



48.5177, 45.0370, 65.8108



19.0548, 19.3591, 21.2311



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.



48.8319, 45.5387, 50.4728



74.1144, 67.0504, 74.4173



48.9852, 47.7452, 44.6666



11.9603, 11.8689, 13.0668



16.8582, 8.6161, 4.1592



0.9784, 0.4961, 0.4210

Inverse Universe

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



48.8319, 45.5387, 50.4728



74.1144, 67.0504, 74.4173



48.8586, 54.8902, 67.6947



11.9603, 11.8689, 13.0668



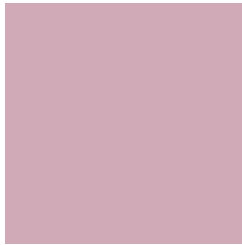
16.8582, 8.6161, 4.1592



0.9784, 0.4961, 0.4210

Previews

White Background



This preview shows how the XYZ color 48.8306, 45.5367, 50.4718 looks on a white background.

Color Contrast Check

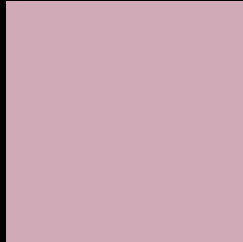
Large Text (above 18pt) WCAG AA × Fail

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 48.8306, 45.5367, 50.4718 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 48.8306, 45.5367, 50.4718

Background



This preview shows how black text looks on a background with the XYZ color 48.8306, 45.5367, 50.4718.



This preview shows how white text looks on a background with the XYZ color 48.8306, 45.5367,

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

48.8306, 45.5367, 50.4718

Protanopia

44.1458, 45.6518, 53.4987

Deuteranopia

46.5025, 45.4786, 50.0434



Tritanopia

48.9344, 45.5782, 51.0181

Trichromacy



Original Color

48.8306, 45.5367, 50.4718

Protanomaly

45.7681, 45.6298, 52.2941

Deuteranomaly

47.3715, 45.6408, 50.0289

Tritanomaly

48.9344, 45.5782, 51.0181

Monochromacy



Original Color

48.8306, 45.5367, 50.4718

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.2059, 46.4662, 51.3333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8306, 45.5367, 50.4718 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(208, 170, 182)` looks like.

```
.text, #text, p{  
    color:rgb(208, 170, 182)  
}
```

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(208, 170, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 170, 182) }
```

Border

The CSS property to change the border of an element to XYZ 48.8306, 45.5367, 50.4718 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(208, 170, 182) }
```


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

```
.border{ border-color:rgb(208, 170, 182) }
```

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

Here you see how a box with a 4 pixel rgb(208, 170, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 170, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 170, 182);  
box-shadow:4px 4px 4px 4px rgb(208, 170,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8306, 45.5367, 50.4718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 170, 182) }
```

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

```
.background{ background-color: rgb(208,  
170, 182) }
```

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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