

Converting Colors

XYZ(50.0747, 45.6376, 49.8858)

Have a look what the booklet for
XYZ(50.0747, 45.6376, 49.8858)
contains.

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Color

**XYZ(50.0747, 45.6376,
49.8858)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A8B5
RGB	214, 168, 181
RGB Percent	84%, 66%, 71%
CMY	0.1608, 0.3412, 0.2902
CMYK	0.00, 0.21, 0.15, 0.16
HSL	343°, 36%, 75%
HSV	343°, 21%, 84%
XYZ	50.0747, 45.6376, 49.8858
YIQ	183.2360, 23.2430, 13.7950

Conversions

Conversions Part 2

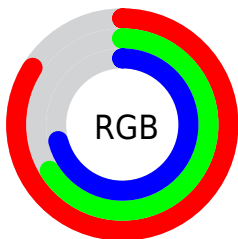
Format	Color
R _Y B	214, 168, 181
Decimal	14067893
CIE Lab	73.31, 18.87, -0.20
CIE LCh	73, 18.873, 359.392
Yxy	45.6376, 0.3439, 0.3134
Android (android.graphics.Color)	4292257973 (0xFFD6A8B5)
YUV	183.2360, -1.1023, 26.9800
Hunter-Lab	67.5556, 14.0885, 3.5068

Details

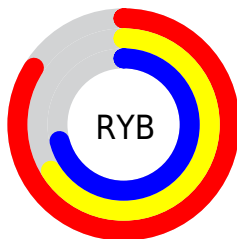
The XYZ color **50.0747, 45.6376, 49.8858** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.7395, 60.6362, 64.2910**, and the grayscale version is **45.1372, 47.4879, 51.7143**.

A 20% lighter version of the original color is **82.9137, 80.1498, 91.2212**, and **24.4397, 21.4202, 23.2685** is the 20% darker color. If you saturate the color by 10%, you get **44.9549, 37.7813, 40.8303**, and if you desaturate by 10%, it is **56.0209, 54.8677, 60.0744**.

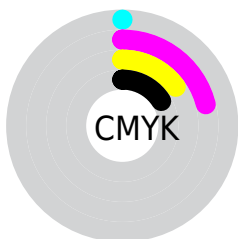
Distribution



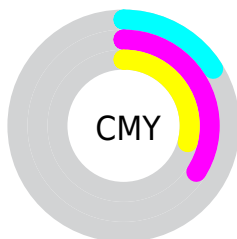
- Red (84%)
- Green (66%)
- Blue (71%)



- Red (84%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (16%)





- Cyan (16%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0747, 45.6376, 49.8858 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 50.0747, 45.6376, 49.8858 by changing the saturation by 10% instead.


 50.0747, 45.6376,
49.8858


 50.0747, 45.6376,
49.8858


377.4052,
369.3498, 402.9415

 35.6908, 31.9599,
34.9521


 89.4767, 83.6764,
91.4002

 24.3645, 21.3309,
23.3427


 115.2255,
108.8063, 118.8180

 15.7304, 13.3661,
14.6391


145.4933,
138.5224, 151.2343

 9.4232, 7.6811,
8.4227

180.6455,
173.2091, 189.0676

 5.0776, 3.8916,
4.2750

221.0475,
213.2508, 232.7364

 2.3281, 1.6131,
1.7774

267.0645,

 0.8090, 0.3664,

259.0319, 282.6593

0.4130

319.0619,
310.9367, 339.2548

■ 0.0000, 0.0000,
0.0000

■ 50.0747, 45.6376,
49.8858

■ 50.0747, 45.6376,
49.8858

■ 44.9549, 37.7813,
40.8303

■ 56.0209, 54.8677,
60.0744

■ 40.6201, 31.2269,
32.8650

■ 62.8246, 65.5269,
71.4313

■ 37.0315, 25.9053,
25.9482

■ 70.5199, 77.6746,
83.9936

■ 34.1449, 21.7381,
20.0345

■ 79.1380, 91.3655,
97.7960

■ 31.9114, 18.6385,
15.0747

■ 81.5418, 93.0363,
108.2678

■ 30.2755, 16.5066,
11.0152

■ 29.1716, 15.2236,
7.7962

■ 28.5598, 14.6275,
5.6579

Harmonies

Analogous

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



49.1032, 45.6376, 59.5877



50.0747, 45.6376, 49.8858



49.1768, 45.6376, 41.2527

Triad

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



50.0747, 45.6376, 49.8858



40.3207, 45.6376, 35.4112



40.2091, 45.6376, 67.1349

Complementary

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



50.0747, 45.6376, 49.8858



50.7395, 60.6362, 64.2910

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.



38.0524, 45.6376, 59.2093



50.0747, 45.6376, 49.8858



38.1145, 45.6376, 40.9567

Square

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



50.0747, 45.6376, 49.8858



43.4449, 45.6376, 33.5685



37.3052, 45.6376, 49.4979



43.3095, 45.6376, 70.2932

Rectangle

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



50.0747, 45.6376, 49.8858



47.6637, 45.6376, 37.0707



37.3052, 45.6376, 49.4979



39.3556, 45.6376, 64.8940

Sweetspot

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



50.0760, 45.6397, 49.8868



88.6445, 89.9367, 98.2937



50.2203, 45.2754, 69.7110



18.8305, 19.0261, 20.8002



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.



50.0760, 45.6397, 49.8868



70.6886, 62.0525, 67.5611



50.7148, 48.9528, 43.8242



12.5661, 12.4779, 13.6551



17.3011, 8.8568, 3.6237



1.0789, 0.5483, 0.4048

Inverse Universe

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



50.0760, 45.6397, 49.8868



70.6886, 62.0525, 67.5611



49.8884, 56.3829, 71.8725



12.5661, 12.4779, 13.6551



17.3011, 8.8568, 3.6237



1.0789, 0.5483, 0.4048

Previews

White Background



This preview shows how the XYZ color 50.0747, 45.6376, 49.8858 looks on a white background.

Color Contrast Check

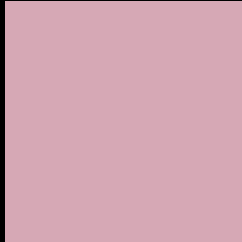
Large Text (above 18pt) WCAG AA × Fail

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 50.0747, 45.6376, 49.8858 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 50.0747, 45.6376, 49.8858

Background



This preview shows how black text looks on a background with the XYZ color 50.0747, 45.6376, 49.8858.



This preview shows how white text looks on a background with the XYZ color 50.0747, 45.6376,

49.8858.

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

50.0747, 45.6376, 49.8858

Protanopia

44.2533, 45.6948, 54.0645

Deuteranopia

46.8569, 45.9610, 49.5818



Tritanopia

50.0747, 45.6376, 49.8858

Trichromacy



Original Color

50.0747, 45.6376, 49.8858

Protanomaly

46.0792, 45.5002, 52.2527

Deuteranomaly

47.8926, 45.6377, 49.4648

Tritanomaly

50.0747, 45.6376, 49.8858

Monochromacy



Original Color

50.0747, 45.6376, 49.8858

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.6120, 46.6875, 50.8108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0747, 45.6376, 49.8858 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(214, 168, 181)` looks like.

```
.text, #text, p{  
    color:rgb(214, 168, 181)  
}
```

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(214, 168, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 168, 181) }
```

Border

The CSS property to change the border of an element to XYZ 50.0747, 45.6376, 49.8858 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(214, 168, 181) }
```


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

```
.border{ border-color:rgb(214, 168, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 168, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 168, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 168, 181);  
box-shadow:4px 4px 4px 4px rgb(214, 168,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0747, 45.6376, 49.8858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 168, 181) }
```

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

```
.background{ background-color: rgb(214,  
168, 181) }
```

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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