

Converting Colors

XYZ(49.3851, 45.5658, 49.5586)

Have a look what the booklet for
XYZ(49.3851, 45.5658, 49.5586)
contains.

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Color

**XYZ(49.2902, 45.5201,
49.3684)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A9B4
RGB	211, 169, 180
RGB Percent	83%, 66%, 71%
CMY	0.1725, 0.3372, 0.2941
CMYK	0.00, 0.20, 0.15, 0.17
HSL	344°, 32%, 75%
HSV	344°, 20%, 83%
XYZ	49.2902, 45.5201, 49.3684
YIQ	182.8120, 21.5010, 12.3250

Conversions

Conversions Part 2

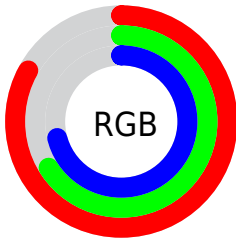
Format	Color
R _Y B	211, 169, 180
Decimal	13871540
CIE Lab	73.23, 17.08, 0.20
CIE LCh	73, 17.084, 0.678
Yxy	45.5201, 0.3419, 0.3157
Android (android.graphics.Color)	4292061620 (0xFFD3A9B4)
YUV	182.8120, -1.3863, 24.7209
Hunter-Lab	67.4686, 12.3359, 3.8441

Details

The XYZ color **49.2902, 45.5201, 49.3684** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.0837, 59.1949, 63.4326**, and the grayscale version is **44.9069, 47.2456, 51.4504**.

A 20% lighter version of the original color is **83.0360, 80.6274, 90.5431**, and **23.9024, 21.3228, 22.9346** is the 20% darker color. If you saturate the color by 10%, you get **44.1786, 37.6948, 40.2713**, and if you desaturate by 10%, it is **55.2161, 54.6877, 59.6177**.

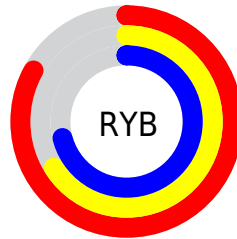
Distribution



Red (83%)

Green (66%)

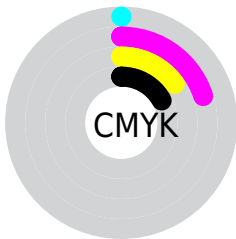
Blue (71%)



Red (83%)

Yellow (66%)

Blue (71%)

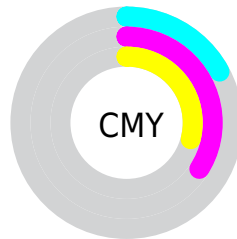


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (17%)



Cyan (17%)


Magenta (34%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2902, 45.5201, 49.3684 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 49.2902, 45.5201, 49.3684 by changing the saturation by 10% instead.


 49.2902, 45.5201,
49.3684


 49.2902, 45.5201,
49.3684


374.3817,
368.8759, 400.8549

 35.0652, 31.8673,
34.5441


 88.3204, 83.5003,
90.6250

 23.8799, 21.2602,
23.0312


 113.8564,
108.5965, 117.8944

 15.3688, 13.3143,
14.4110


143.8934,
138.2760, 150.1494

 9.1666, 7.6453,
8.2651

178.7969,
172.9231, 187.8083

 4.9080, 3.8689,
4.1748

218.9321,
212.9223, 231.2898

 2.2276, 1.6005,
1.7217

264.6643,

 0.7572, 0.3579,

258.6578, 281.0123

0.3756

316.3591,
310.5143, 337.3945

■ 0.0000, 0.0000,
0.0000

■ 49.2902, 45.5201,
49.3684

■ 49.2902, 45.5201,
49.3684

■ 44.1786, 37.6948,
40.2713

■ 55.2161, 54.6877,
59.6177

■ 39.8413, 31.1426,
32.2825

■ 61.9864, 65.2503,
71.0553

■ 36.2406, 25.7974,
25.3595

■ 69.6343, 77.2653,
83.7192

■ 33.3339, 21.5848,
19.4556

■ 78.1901, 90.7848,
97.6448

■ 31.0743, 18.4220,
14.5208

■ 80.6742, 92.5890,
108.2272

■ 29.4086, 16.2146,
10.5004

■ 28.2745, 14.8512,
7.3332

■ 27.5657, 14.1331,
4.9399

■ 27.5598, 14.1273,
4.9200

Harmonies

Analogous

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



48.4893, 45.5201, 58.0971



49.2902, 45.5201, 49.3684



48.4157, 45.5201, 41.6075

Triad

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



49.2902, 45.5201, 49.3684



40.3901, 45.5201, 36.6762



40.5031, 45.5201, 65.3984

Complementary

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



49.2902, 45.5201, 49.3684



50.0837, 59.1949, 63.4326

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.



38.4941, 45.5201, 58.4744



49.2902, 45.5201, 49.3684



38.4310, 45.5201, 41.9096

Square

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



49.2902, 45.5201, 49.3684



43.1973, 45.5201, 34.8189



37.7529, 45.5201, 49.7594



43.3338, 45.5201, 67.9749

Rectangle

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



49.2902, 45.5201, 49.3684



47.0226, 45.5201, 37.8563



37.7529, 45.5201, 49.7594



39.7141, 45.5201, 63.4655

Sweetspot

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



49.2915, 45.5222, 49.3694



88.5964, 89.9175, 98.0405



49.7135, 45.3331, 67.7586



18.8192, 19.0215, 20.7405



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.



49.2915, 45.5222, 49.3694



72.0983, 64.3990, 69.4885



50.1070, 48.8755, 44.3316



11.9340, 11.8583, 12.9283



16.6683, 8.5402, 3.1594



0.9651, 0.4907, 0.3509

Inverse Universe

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



49.2915, 45.5222, 49.3694



72.0983, 64.3990, 69.4885



49.0550, 55.0063, 69.6605



11.9340, 11.8583, 12.9283



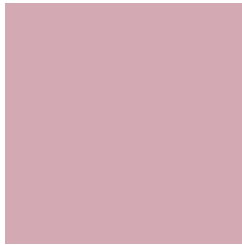
16.6683, 8.5402, 3.1594



0.9651, 0.4907, 0.3509

Previews

White Background



This preview shows how the XYZ color 49.2902, 45.5201, 49.3684 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 49.2902, 45.5201, 49.3684 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 49.2902, 45.5201, 49.3684

Background



This preview shows how black text looks on a background with the XYZ color 49.2902, 45.5201, 49.3684.



This preview shows how white text looks on a background with the XYZ color 49.2902, 45.5201,

49.3684.

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

49.2902, 45.5201, 49.3684

Protanopia

44.2744, 45.7305, 52.9477

Deuteranopia

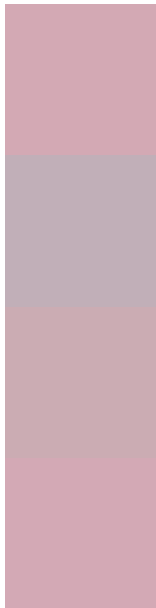
46.5614, 45.5325, 48.9824



Tritanopia

49.4954, 45.6022, 50.4494

Trichromacy



Original Color

49.2902, 45.5201, 49.3684

Protanomaly

45.9740, 45.4581, 51.6986

Deuteranomaly

47.5178, 45.4562, 48.9173

Tritanomaly

49.3924, 45.5610, 49.9070

Monochromacy



Original Color

49.2902, 45.5201, 49.3684

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.3562, 46.5556, 50.7989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2902, 45.5201, 49.3684 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(211, 169, 180)` looks like.

```
.text, #text, p{  
    color:rgb(211, 169, 180)  
}
```

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(211, 169, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 169, 180) }
```

Border

The CSS property to change the border of an element to XYZ 49.2902, 45.5201, 49.3684 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(211, 169, 180) }
```


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

```
.border{ border-color:rgb(211, 169, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 169, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 169, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 169, 180);  
box-shadow:4px 4px 4px 4px rgb(211, 169,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2902, 45.5201, 49.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 169, 180) }
```

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

```
.background{ background-color: rgb(211,  
169, 180) }
```

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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