

Converting Colors

XYZ(45.4261, 43.6033, 49.0241)

Have a look what the booklet for
XYZ(45.4261, 43.6033, 49.0241)
contains.

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Color

**XYZ(45.4521, 43.5415,
49.1888)**

Conversions

Conversions Part 1

Format	Color
Hex	C5A9B4
RGB	197, 169, 180
RGB Percent	77%, 66%, 71%
CMY	0.2274, 0.3372, 0.2941
CMYK	0.00, 0.14, 0.09, 0.23
HSL	336°, 19%, 72%
HSV	336°, 14%, 77%
XYZ	45.4521, 43.5415, 49.1888
YIQ	178.6260, 13.1570, 9.3570

Conversions

Conversions Part 2

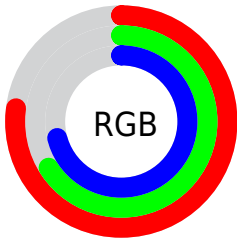
Format	Color
RYB	197, 169, 180
Decimal	12954036
CIELab	71.92, 12.03, -1.87
CIElCh	72, 12.174, 351.148
Yxy	43.5415, 0.3289, 0.3151
Android (android.graphics.Color)	4291144116 (0xFFC5A9B4)
YUV	178.6260, 0.6774, 16.1140
Hunter-Lab	65.9860, 7.4779, 1.9929

Details

The XYZ color **45.4521, 43.5415, 49.1888** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1930, 51.9137, 54.0952**, and the grayscale version is **42.6414, 44.8620, 48.8548**.

A 20% lighter version of the original color is **82.6690, 80.4383, 90.5259**, and **21.5197, 20.0945, 22.8231** is the 20% darker color. If you saturate the color by 10%, you get **40.8934, 36.2904, 41.9143**, and if you desaturate by 10%, it is **50.6707, 51.9429, 57.2032**.

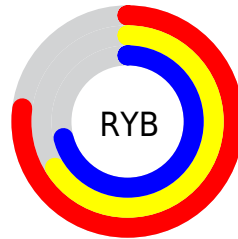
Distribution



Red (77%)

Green (66%)

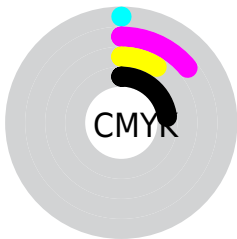
Blue (71%)



Red (77%)

Yellow (66%)

Blue (71%)

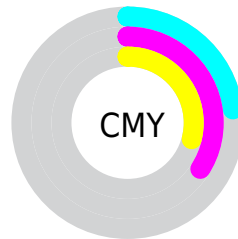


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (23%)



Cyan (23%)


Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4521, 43.5415, 49.1888 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 45.4521, 43.5415, 49.1888 by changing the saturation by 10% instead.

 45.4521, 43.5415,
49.1888


 45.4521, 43.5415,
49.1888


359.3545,
360.8340, 400.1289

 32.0165, 30.3102,
34.4026


 82.6313, 80.5274,
90.3557

 21.5297, 20.0742,
22.9232


 107.1056,
105.0507, 117.5735

 13.6264, 12.4490,
14.3320


135.9902,
134.1069, 149.7722

 7.9412, 7.0502,
8.2106

169.6504,
168.0803, 187.3704

 4.1089, 3.4935,
4.1403

208.4515,
207.3553, 230.7866

 1.7639, 1.3945,
1.7026

252.7590,

 0.4958, 0.2127,

252.3164, 280.4395

0.3625

302.9382,
303.3478, 336.7474

■ 0.0000, 0.0000,
0.0000

■ 45.4521, 43.5415,
49.1888

■ 45.4521, 43.5415,
49.1888

■ 40.8934, 36.2904,
41.9143

■ 50.6707, 51.9429,
57.2032

■ 36.9636, 30.1336,
35.3548

■ 56.5710, 61.5359,
65.9759

■ 33.6346, 25.0188,
29.4880

■ 63.1786, 72.3670,
75.5279

■ 30.8749, 20.8874,
24.2890

■ 70.5164, 84.4785,
85.8788

■ 28.6497, 17.6748,
19.7316

■ 74.4864, 89.6705,
95.6739

■ 26.9204, 15.3086,
15.7872

■ 76.3210, 90.4044,
105.3350

■ 25.6425, 13.7053,
12.4246

■ 76.8362, 90.6104,
108.0476

■ 24.7627, 12.7640,
9.6087

■ 24.3792, 12.4116,
8.2024

Harmonies

Analogous

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



44.5692, 43.5415, 54.9416



45.4521, 43.5415, 49.1888



45.2171, 43.5415, 43.4067

Triad

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



45.4521, 43.5415, 49.1888



39.9626, 43.5415, 37.5343



38.9331, 43.5415, 56.8725

Complementary

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



45.4521, 43.5415, 49.1888



45.1930, 51.9137, 54.0952

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.



37.7755, 43.5415, 51.6507



45.4521, 43.5415, 49.1888



38.3560, 43.5415, 40.5989

Square

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



45.4521, 43.5415, 49.1888



42.0017, 43.5415, 36.9950



37.5678, 43.5415, 45.6732



40.7742, 43.5415, 59.6147

Rectangle

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



45.4521, 43.5415, 49.1888



44.4614, 43.5415, 40.2836



37.5678, 43.5415, 45.6732



38.4537, 43.5415, 55.3293

Sweetspot

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



45.4533, 43.5434, 49.1897



90.9006, 93.2713, 102.6765



44.4687, 42.8233, 58.7458



19.2943, 19.7015, 21.7319



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.



45.4533, 43.5434, 49.1897



78.7939, 73.8113, 83.9869



44.9033, 44.1658, 43.6966



10.8035, 10.7048, 11.9485



16.0736, 8.1790, 5.5974



0.7965, 0.4015, 0.4518

Inverse Universe

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



45.4533, 43.5434, 49.1897



78.7939, 73.8113, 83.9869



45.7779, 51.1400, 60.2821



10.8035, 10.7048, 11.9485



16.0736, 8.1790, 5.5974



0.7965, 0.4015, 0.4518

Previews

White Background



This preview shows how the XYZ color 45.4521, 43.5415, 49.1888 looks on a white background.

Color Contrast Check

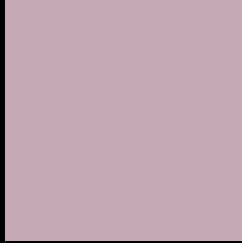
Large Text (above 18pt) WCAG AA × Fail

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 45.4521, 43.5415, 49.1888 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 45.4521, 43.5415, 49.1888

Background



This preview shows how black text looks on a background with the XYZ color 45.4521, 43.5415, 49.1888.



This preview shows how white text looks on a background with the XYZ color 45.4521, 43.5415,

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

45.4521, 43.5415, 49.1888

Protanopia

42.1132, 43.4677, 51.5179

Deuteranopia

44.5394, 43.6276, 49.2535



Tritanopia

45.6574, 43.6236, 50.2698

Trichromacy



Original Color

45.4521, 43.5415, 49.1888

Protanomaly

43.2580, 43.4964, 50.9154

Deuteranomaly

44.8611, 43.5141, 49.2146

Tritanomaly

45.5544, 43.5824, 49.7273

Monochromacy



Original Color

45.4521, 43.5415, 49.1888

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.7164, 44.3537, 48.9048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4521, 43.5415, 49.1888 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(197, 169, 180)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 169, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 169, 180) }
```

Border

The CSS property to change the border of an element to XYZ 45.4521, 43.5415, 49.1888 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(197, 169, 180) }
```


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

```
.border{ border-color:rgb(197, 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(197, 169, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 169, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 169, 180);  
box-shadow:4px 4px 4px 4px rgb(197, 169,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4521, 43.5415, 49.1888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 169, 180) }
```

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

```
.background{ background-color: rgb(197,  
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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