

Converting Colors

XYZ(48.6718, 45.2080, 54.4049)

Have a look what the booklet for
XYZ(48.6718, 45.2080, 54.4049)
contains.

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Color

**XYZ(48.5501, 45.0292,
54.2767)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA9BD
RGB	205, 169, 189
RGB Percent	80%, 66%, 74%
CMY	0.1961, 0.3372, 0.2588
CMYK	0.00, 0.18, 0.08, 0.20
HSL	327°, 26%, 73%
HSV	327°, 18%, 80%
XYZ	48.5501, 45.0292, 54.2767
YIQ	182.0440, 15.0360, 13.8520

Conversions

Conversions Part 2

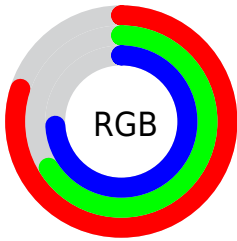
Format	Color
R_{YB}	205, 169, 189
Decimal	13478333
CIE _{Lab}	72.91, 16.45, -5.28
CIE _{LCh}	73, 17.278, 342.190
Yxy	45.0292, 0.3284, 0.3045
Android (android.graphics.Color)	4291668413 (0xFFCDA9BD)
YUV	182.0440, 3.4293, 20.1324
Hunter-Lab	67.1038, 11.7144, -0.9839

Details

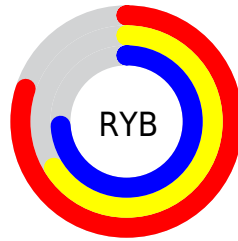
The XYZ color **48.5501, 45.0292, 54.2767** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.9523, 55.6016, 54.1592**, and the grayscale version is **44.4646, 46.7803, 50.9437**.

A 20% lighter version of the original color is **84.3771, 81.1639, 97.6052**, and **23.3829, 20.9842, 26.1105** is the 20% darker color. If you saturate the color by 10%, you get **44.0733, 37.6086, 48.0570**, and if you desaturate by 10%, it is **53.6896, 53.6745, 61.0250**.

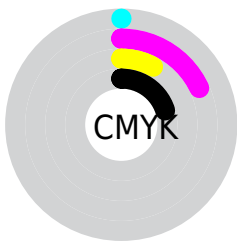
Distribution



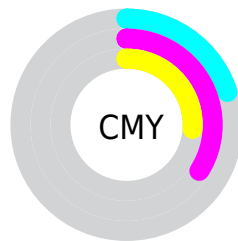
- Red (80%)
- Green (66%)
- Blue (74%)



- Red (80%)
- Yellow (66%)
- Blue (74%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (20%)





- Cyan (20%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5501, 45.0292, 54.2767 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 48.5501, 45.0292, 54.2767 by changing the saturation by 10% instead.


 48.5501, 45.0292,
54.2767


 48.5501, 45.0292,
54.2767


371.5149,
366.8918, 420.3687

 34.4758, 31.4804,
38.4282

 87.2276, 82.7642,
97.9409

 23.4240, 20.9650,
26.0108


 112.5616,
107.7193, 126.5937

 15.0293, 13.0984,
16.6059


142.3794,
137.2452, 160.3517

 8.9264, 7.4963,
9.7949

177.0465,
171.7264, 199.6335

 4.7499, 3.7744,
5.1594

216.9283,
211.5473, 244.8575

 2.1345, 1.5482,
2.2807

262.3900,

 0.7079, 0.3223,

257.0922, 296.4424

0.7204

313.7971,
308.7456, 354.8066

■ 0.0000, 0.0000,
0.0000

■ 48.5501, 45.0292,
54.2767

■ 48.5501, 45.0292,
54.2767

■ 44.0733, 37.6086,
48.0570

■ 53.6896, 53.6745,
61.0250

■ 40.2263, 31.3506,
42.3478

■ 59.5150, 63.5910,
68.3135

■ 36.9794, 26.1969,
37.1338

■ 66.0531, 74.8298,
76.1569

■ 34.2985, 22.0815,
32.3980

■ 73.3280, 87.4377,
84.5684

■ 32.1463, 18.9315,
28.1217

■ 75.8692, 90.4721,
91.7297

■ 30.4803, 16.6640,
24.2845

■ 77.2167, 91.0111,
98.8255

■ 29.2511, 15.1825,
20.8634

■ 78.6326, 91.5775,
106.2815

■ 28.3899, 14.3513,
17.8285

■ 78.9871, 91.7193,
108.1483

■ 28.2075, 14.1914,
17.1363

Harmonies

Analogous

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



46.8054, 45.0292, 62.3668



48.5501, 45.0292, 54.2767



48.7101, 45.0292, 45.6113

Triad

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



48.5501, 45.0292, 54.2767



41.5882, 45.0292, 34.5443



38.6516, 45.0292, 61.0270

Complementary

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



48.5501, 45.0292, 54.2767



46.9523, 55.6016, 54.1592

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.



37.3864, 45.0292, 52.6136



48.5501, 45.0292, 54.2767



39.0278, 45.0292, 37.7431

Square

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



48.5501, 45.0292, 54.2767



44.5940, 45.0292, 34.8785



37.5208, 45.0292, 44.1312



41.0527, 45.0292, 66.5673

Rectangle

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



48.5501, 45.0292, 54.2767



47.8871, 45.0292, 40.7171



37.5208, 45.0292, 44.1312



38.0846, 45.0292, 58.4017

Sweetspot

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



48.5514, 45.0312, 54.2777



90.2174, 91.7735, 102.8540



45.1204, 43.0506, 63.6897



19.1699, 19.4052, 21.8370



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.



48.5514, 45.0312, 54.2777



76.6834, 69.0241, 85.0290



46.7553, 44.3128, 44.8195



11.4688, 11.3163, 13.0034



17.6086, 8.8540, 10.9235



0.9462, 0.4719, 0.7628

Inverse Universe

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



48.5514, 45.0312, 54.2777



76.6834, 69.0241, 85.0290



48.9268, 56.3915, 64.5570



11.4688, 11.3163, 13.0034



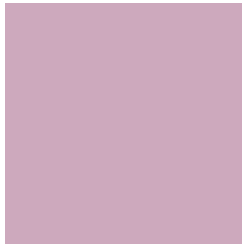
17.6086, 8.8540, 10.9235



0.9462, 0.4719, 0.7628

Previews

White Background



This preview shows how the XYZ color 48.5501, 45.0292, 54.2767 looks on a white background.

Color Contrast Check

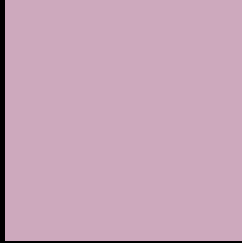
Large Text (above 18pt) WCAG AA × Fail

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 48.5501, 45.0292, 54.2767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

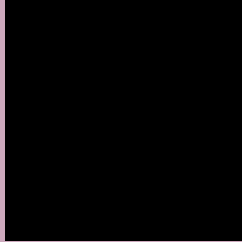
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5501, 45.0292, 54.2767

Background



This preview shows how black text looks on a background with the XYZ color 48.5501, 45.0292, 54.2767.



This preview shows how white text looks on a background with the XYZ color 48.5501, 45.0292,

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

48.5501, 45.0292, 54.2767

Protanopia

44.0181, 45.2008, 57.4436

Deuteranopia

45.9514, 45.1094, 53.8620



Tritanopia

47.8238, 45.0057, 50.9661

Trichromacy



Original Color

48.5501, 45.0292, 54.2767

Protanomaly

45.5834, 45.1571, 56.1829

Deuteranomaly

46.8556, 45.0062, 53.7945

Tritanomaly

48.0335, 45.0896, 52.0705

Monochromacy



Original Color

48.5501, 45.0292, 54.2767

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.7143, 45.8942, 52.3480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5501, 45.0292, 54.2767 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(205, 169, 189)` looks like.

```
.text, #text, p{  
    color:rgb(205, 169, 189)  
}
```

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(205, 169, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 169, 189) }
```

Border

The CSS property to change the border of an element to XYZ 48.5501, 45.0292, 54.2767 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(205, 169, 189) }
```


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

```
.border{ border-color:rgb(205, 169, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 169, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 169, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 169, 189);  
box-shadow:4px 4px 4px 4px rgb(205, 169,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5501, 45.0292, 54.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 169, 189) }
```

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

```
.background{ background-color: rgb(205,  
169, 189) }
```

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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