

Converting Colors

XYZ(49.2492, 45.0764, 55.9741)

Have a look what the booklet for
XYZ(49.2492, 45.0764, 55.9741)
contains.

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Color

**XYZ(49.2492, 45.0764,
55.9741)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA8C0
RGB	207, 168, 192
RGB Percent	81%, 66%, 75%
CMY	0.1882, 0.3412, 0.2471
CMYK	0.00, 0.19, 0.07, 0.19
HSL	323°, 29%, 74%
HSV	323°, 19%, 81%
XYZ	49.2492, 45.0764, 55.9741
YIQ	182.3970, 15.5400, 15.7320

Conversions

Conversions Part 2

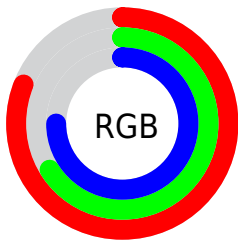
Format	Color
R_{YB}	207, 168, 192
Decimal	13609152
CIE _{Lab}	72.94, 18.23, -6.87
CIE _{LCh}	73, 19.476, 339.354
Yxy	45.0764, 0.3277, 0.2999
Android (android.graphics.Color)	4291799232 (0xFFCFA8C0)
YUV	182.3970, 4.7343, 21.5768
Hunter-Lab	67.1390, 13.4439, -2.4331

Details

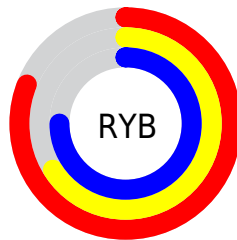
The XYZ color **49.2492, 45.0764, 55.9741** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.0103, 56.3707, 53.2053**, and the grayscale version is **44.6499, 46.9752, 51.1560**.

A 20% lighter version of the original color is **84.5710, 80.8127, 99.9480**, and **23.8545, 21.0303, 27.2281** is the 20% darker color. If you saturate the color by 10%, you get **44.8694, 37.6902, 50.2788**, and if you desaturate by 10%, it is **54.2877, 53.7023, 62.1255**.

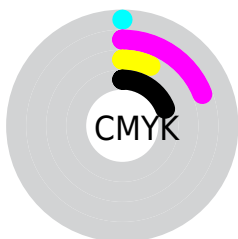
Distribution



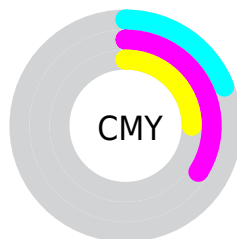
- Red (81%)
- Green (66%)
- Blue (75%)



- Red (81%)
- Yellow (66%)
- Blue (75%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (19%)





- Cyan (19%)
- Magenta (34%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.2492, 45.0764, 55.9741 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 49.2492, 45.0764, 55.9741 by changing the saturation by 10% instead.


 49.2492, 45.0764,
55.9741


 49.2492, 45.0764,
55.9741


374.2232,
367.0829, 426.9795

 35.0326, 31.5176,
39.7783


 88.2600, 82.8350,
100.4521

 23.8546, 20.9933,
27.0533


 113.7848,
107.8037, 129.5714

 15.3499, 13.1191,
17.3804


143.8097,
137.3444, 163.8357

 9.1533, 7.5106,
10.3413

178.7001,
171.8416, 203.6633

 4.8992, 3.7834,
5.5173

218.8213,
211.6796, 249.4730

 2.2224, 1.5532,
2.4898

264.5386,

 0.7545, 0.3257,

257.2429, 301.6832

0.8348

316.2175,
308.9159, 360.7125

■ 0.0000, 0.0000,
0.0000

■ 49.2492, 45.0764,
55.9741

■ 49.2492, 45.0764,
55.9741

■ 44.8694, 37.6902,
50.2788

■ 54.2877, 53.7023,
62.1255

■ 41.1149, 31.4800,
45.0232

■ 60.0084, 63.6159,
68.7430

■ 37.9552, 26.3853,
40.1940

■ 66.4387, 74.8698,
75.8395

■ 35.3555, 22.3382,
35.7757

■ 73.6031, 87.5120,
83.4269

■ 33.2774, 19.2627,
31.7514

■ 76.0313, 90.6011,
89.6850

■ 31.6773, 17.0729,
28.1025

■ 77.1872, 91.0635,
95.7718

■ 30.5037, 15.6676,
24.8078

■ 78.3950, 91.5466,
102.1319

■ 29.6748, 14.8842,
21.8356

■ 79.5425, 92.0056,
108.1743

■ 29.5879, 14.8077,
21.5068

Harmonies

Analogous

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



47.1191, 45.0764, 65.0074



49.2492, 45.0764, 55.9741



49.6150, 45.0764, 46.1035

Triad

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



49.2492, 45.0764, 55.9741



41.7913, 45.0764, 32.8443



37.9904, 45.0764, 61.9193

Complementary

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



49.2492, 45.0764, 55.9741



47.0103, 56.3707, 53.2053

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.



36.7184, 45.0764, 52.1830



49.2492, 45.0764, 55.9741



38.8352, 45.0764, 35.9939

Square

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



49.2492, 45.0764, 55.9741



45.1876, 45.0764, 33.5784



37.0193, 45.0764, 42.7776



40.5824, 45.0764, 68.7423

Rectangle

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



49.2492, 45.0764, 55.9741



48.7909, 45.0764, 40.4724



37.0193, 45.0764, 42.7776



37.4007, 45.0764, 58.8301

Sweetspot

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



49.2505, 45.0784, 55.9751



89.4286, 90.2504, 102.4231



44.7835, 42.5736, 64.8894



19.0157, 19.1002, 21.7755



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.



49.2505, 45.0784, 55.9751



75.6871, 66.7492, 85.5669



47.2357, 44.2725, 45.3653



12.1101, 11.9288, 13.8553



18.6890, 9.3484, 13.8001



1.0831, 0.5380, 0.9725

Inverse Universe

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



49.2505, 45.0784, 55.9751



75.6871, 66.7492, 85.5669



49.1768, 57.2373, 64.6139



12.1101, 11.9288, 13.8553



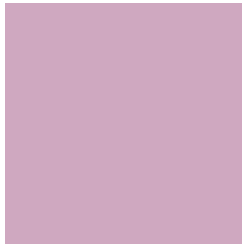
18.6890, 9.3484, 13.8001



1.0831, 0.5380, 0.9725

Previews

White Background



This preview shows how the XYZ color 49.2492, 45.0764, 55.9741 looks on a white background.

Color Contrast Check

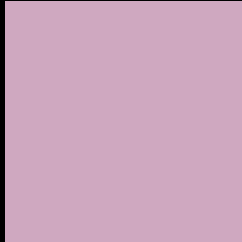
Large Text (above 18pt) WCAG AA × Fail

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 49.2492, 45.0764, 55.9741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

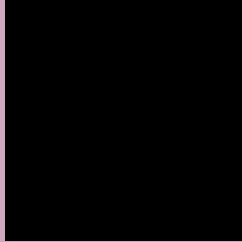
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.2492, 45.0764, 55.9741

Background



This preview shows how black text looks on a background with the XYZ color 49.2492, 45.0764, 55.9741.



This preview shows how white text looks on a background with the XYZ color 49.2492, 45.0764,

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

49.2492, 45.0764, 55.9741

Protanopia

44.2449, 45.2651, 59.8312

Deuteranopia

46.0259, 45.1101, 55.5715



Tritanopia

48.3756, 45.2902, 50.9920

Trichromacy



Original Color

49.2492, 45.0764, 55.9741

Protanomaly

45.8389, 44.9490, 58.4846

Deuteranomaly

47.1825, 45.1370, 55.5157

Tritanomaly

48.5045, 45.0429, 52.5921

Monochromacy



Original Color

49.2492, 45.0764, 55.9741

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.0709, 46.0658, 52.9178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2492, 45.0764, 55.9741 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(207, 168, 192)` looks like.

```
.text, #text, p{  
    color:rgb(207, 168, 192)  
}
```

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(207, 168, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 168, 192) }
```

Border

The CSS property to change the border of an element to XYZ 49.2492, 45.0764, 55.9741 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(207, 168, 192) }
```


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

```
.border{ border-color:rgb(207, 168, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 168, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 168, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 168, 192);  
box-shadow:4px 4px 4px 4px rgb(207, 168,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2492, 45.0764, 55.9741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 168, 192) }
```

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

```
.background{ background-color: rgb(207,  
168, 192) }
```

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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