

Converting Colors

XYZ(48.0568, 49.4922, 54.0338)

Have a look what the booklet for
XYZ(48.0568, 49.4922, 54.0338)
contains.

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Color

**XYZ(48.0568, 49.4922,
54.0338)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B9BB
RGB	192, 185, 187
RGB Percent	75%, 73%, 73%
CMY	0.2471, 0.2745, 0.2667
CMYK	0.00, 0.04, 0.03, 0.25
HSL	343°, 5%, 74%
HSV	343°, 4%, 75%
XYZ	48.0568, 49.4922, 54.0338
YIQ	187.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

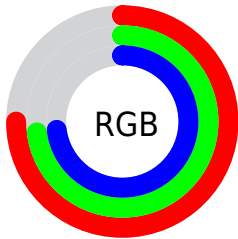
Format	Color
RYB	192, 185, 187
Decimal	12630459
CIELab	75.76, 2.83, -0.14
CIELCh	76, 2.831, 357.125
Yxy	49.4922, 0.3170, 0.3265
Android (android.graphics.Color)	4290820539 (0xFFC0B9BB)
YUV	187.3210, -0.1583, 4.1035
Hunter-Lab	70.3507, -1.1797, 3.7070

Details

The XYZ color **48.0568, 49.4922, 54.0338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.1533, 51.7325, 56.1651**, and the grayscale version is **47.4159, 49.8852, 54.3250**.

A 20% lighter version of the original color is **86.3444, 89.3381, 97.4872**, and **23.2018, 23.7127, 25.9084** is the 20% darker color. If you saturate the color by 10%, you get **42.9092, 41.4360, 45.4142**, and if you desaturate by 10%, it is **53.8900, 58.6937, 63.5756**.

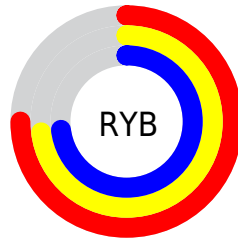
Distribution



Red (75%)

Green (73%)

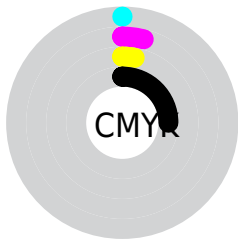
Blue (73%)



Red (75%)

Yellow (73%)

Blue (73%)

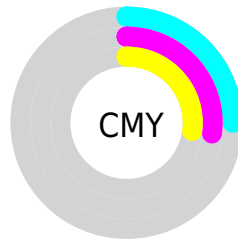


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0568, 49.4922, 54.0338 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 48.0568, 49.4922, 54.0338 by changing the saturation by 10% instead.

■ 48.0568, 49.4922,
54.0338

■ 48.0568, 49.4922,
54.0338

369.5961,
384.6768, 419.4171

■ 34.0833, 35.0101,
38.2353

■ 86.4982, 89.4220,
97.5808

■ 23.1208, 23.6706,
25.8621

111.6967,
115.6386, 126.1664

■ 14.8039, 15.0895,
16.4957

141.3677,
146.5353, 159.8514

■ 8.7673, 8.8822,
9.7175

175.8764,
182.4967, 199.0544

■ 4.6456, 4.6644,
5.1089

215.5883,
223.9072, 244.1939

■ 2.0735, 2.0518,
2.2514

260.8686,

■ 0.6747, 0.6373,

271.1511, 295.6886

0.7038

312.0827,
324.6128, 353.9568

■ 0.0000, 0.0000,
0.0000

■ 48.0568, 49.4922,
54.0338

■ 48.0568, 49.4922,
54.0338

■ 42.9092, 41.4360,
45.4142

■ 53.8900, 58.6937,
63.5756

■ 38.4176, 34.4739,
37.6857

■ 60.4286, 69.0762,
74.0630

■ 34.5560, 28.5603,
30.8202

■ 67.6972, 80.6820,
85.5225

■ 31.2957, 23.6440,
24.7869

■ 73.5080, 89.1304,
97.2421

■ 28.6050, 19.6695,
19.5530

■ 75.5485, 89.9466,
107.9873

■ 26.4497, 16.5757,
15.0835

■ 24.7916, 14.2944,
11.3404

■ 23.5871, 12.7470,
8.2824

■ 22.7842, 11.8392,
5.8631

Harmonies

Analogous

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



47.8942, 49.4922, 55.4740



48.0568, 49.4922, 54.0338



47.9455, 49.4922, 52.5805

Triad

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



48.0568, 49.4922, 54.0338



46.5819, 49.4922, 51.3550



46.4947, 49.4922, 56.3546

Complementary

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



48.0568, 49.4922, 54.0338



48.1533, 51.7325, 56.1651

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.



46.1477, 49.4922, 55.2182



48.0568, 49.4922, 54.0338



46.1977, 49.4922, 52.3337

Square

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



48.0568, 49.4922, 54.0338



47.0915, 49.4922, 51.0510



46.0393, 49.4922, 53.7436



46.9902, 49.4922, 56.8294

Rectangle

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



48.0568, 49.4922, 54.0338



47.7314, 49.4922, 51.7965



46.0393, 49.4922, 53.7436



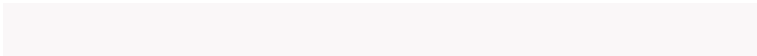
46.3570, 49.4922, 56.0363

Sweetspot

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



48.0582, 49.4943, 54.0349



89.7330, 93.8570, 102.2866



48.0752, 49.4402, 56.8789



19.2620, 20.1532, 21.9625



92.9021, 97.7402, 106.4391



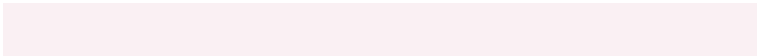
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.0582, 49.4943, 54.0349



86.6613, 89.0256, 97.2177



48.1401, 49.9978, 53.0147



10.7463, 10.9978, 12.0143



15.1177, 7.7368, 3.2657



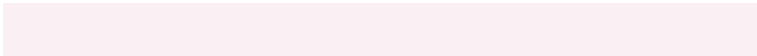
0.6838, 0.3465, 0.3025

Inverse Universe

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



48.0582, 49.4943, 54.0349



86.6613, 89.0256, 97.2177



48.0673, 51.2088, 57.2207



10.7463, 10.9978, 12.0143



15.1177, 7.7368, 3.2657



0.6838, 0.3465, 0.3025

Previews

White Background



This preview shows how the XYZ color 48.0568, 49.4922, 54.0338 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 48.0568, 49.4922, 54.0338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

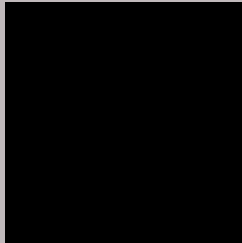
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0568, 49.4922, 54.0338

Background



This preview shows how black text looks on a background with the XYZ color 48.0568, 49.4922, 54.0338.

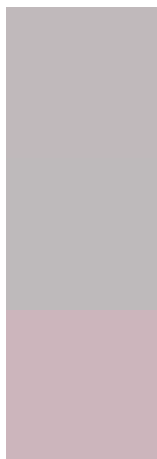


This preview shows how white text looks on a background with the XYZ color 48.0568, 49.4922,

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

48.0568, 49.4922, 54.0338

Protanopia

47.7638, 49.6528, 54.0802

Deuteranopia

50.5028, 49.5160, 54.4727



Tritanopia

49.3747, 49.4135, 60.3615

Trichromacy



Original Color

48.0568, 49.4922, 54.0338

Protanomaly

48.0144, 49.7820, 54.0920

Deuteranomaly

49.6245, 49.3661, 54.4901

Tritanomaly

48.8704, 49.5135, 58.0202

Monochromacy



Original Color

48.0568, 49.4922, 54.0338

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.5148, 49.5245, 54.0686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0568, 49.4922, 54.0338 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(192, 185, 187) looks like.

```
.text, #text, p{  
    color:rgb(192, 185, 187)  
}
```

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(192, 185, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 185, 187) }
```

Border

The CSS property to change the border of an element to XYZ 48.0568, 49.4922, 54.0338 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(192, 185, 187) }
```


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

```
.border{ border-color:rgb(192, 185, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 185, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 185, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 185, 187);  
box-shadow:4px 4px 4px 4px rgb(192, 185,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0568, 49.4922, 54.0338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 185, 187) }
```

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

```
.background{ background-color: rgb(192,  
185, 187) }
```

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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