

Converting Colors

XYZ(51.0734, 49.4200, 58.4769)

Have a look what the booklet for
XYZ(51.0734, 49.4200, 58.4769)
contains.

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Color

**XYZ(51.0734, 49.4200,
58.4769)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB4C3
RGB	204, 180, 195
RGB Percent	80%, 71%, 76%
CMY	0.2000, 0.2941, 0.2353
CMYK	0.00, 0.12, 0.04, 0.20
HSL	323°, 19%, 75%
HSV	323°, 12%, 80%
XYZ	51.0734, 49.4200, 58.4769
YIQ	188.8860, 9.4890, 9.7530

Conversions

Conversions Part 2

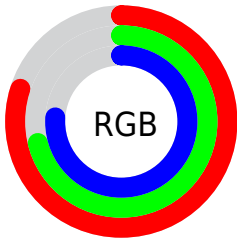
Format	Color
R_{YB}	204, 180, 195
Decimal	13415619
CIE Lab	75.71, 11.19, -4.45
CIE LCh	76, 12.036, 338.327
Yxy	49.4200, 0.3213, 0.3109
Android (android.graphics.Color)	4291605699 (0xFFCCB4C3)
YUV	188.8860, 3.0142, 13.2550
Hunter-Lab	70.2994, 6.6587, -0.1095

Details

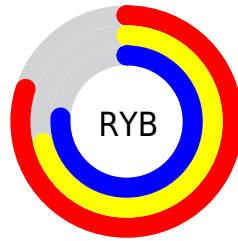
The XYZ color **51.0734, 49.4200, 58.4769** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6024, 56.5644, 56.4505**, and the grayscale version is **48.2853, 50.7999, 55.3211**.

A 20% lighter version of the original color is **88.8061, 88.2792, 104.4545**, and **24.9748, 23.5859, 28.4355** is the 20% darker color. If you saturate the color by 10%, you get **46.4117, 41.4452, 52.7640**, and if you desaturate by 10%, it is **56.3884, 58.6291, 64.6275**.

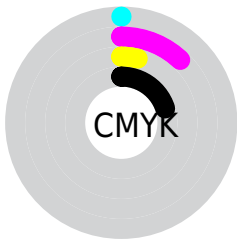
Distribution



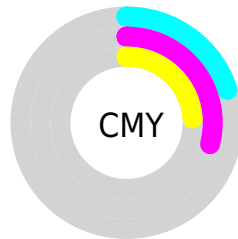
- Red (80%)
- Green (71%)
- Blue (76%)



- Red (80%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0734, 49.4200, 58.4769 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 51.0734, 49.4200, 58.4769 by changing the saturation by 10% instead.

■ 51.0734, 49.4200,
58.4769

■ 51.0734, 49.4200,
58.4769

381.2319,
384.3934, 436.6084

■ 36.4883, 34.9528,
41.7749

■ 90.9456, 89.3149,
104.1386

■ 24.9834, 23.6265,
28.6008

116.9634,
115.5114, 133.9355

■ 16.1934, 15.0568,
18.5361

147.5229,
146.3864, 168.9344

■ 9.7528, 8.8592,
11.1622

182.9893,
182.3244, 209.5539

■ 5.2964, 4.6495,
6.0605

223.7280,
223.7097, 256.2125

■ 2.4587, 2.0431,
2.8125

270.1045,

■ 0.8745, 0.6323,

270.9267, 309.3287

0.9997

322.4840,
324.3598, 369.3212

■ 0.0000, 0.0000,
0.0000

■ 51.0734, 49.4200,
58.4769

■ 51.0734, 49.4200,
58.4769

■ 46.4117, 41.4452,
52.7640

■ 56.3884, 58.6291,
64.6275

■ 42.3720, 34.6451,
47.4733

■ 62.3778, 69.1158,
71.2242

■ 38.9267, 28.9651,
42.5929

■ 69.0671, 80.9292,
78.2792

■ 36.0445, 24.3434,
38.1091

■ 74.3355, 89.8269,
85.0886

■ 33.6909, 20.7125,
34.0067

■ 75.4068, 90.2554,
90.7300

■ 31.8277, 17.9968,
30.2695

■ 76.5256, 90.7029,
96.6211

■ 30.4108, 16.1097,
26.8792

■ 77.6923, 91.1696,
102.7651

■ 29.3881, 14.9478,
23.8146

■ 78.7121, 91.5775,
108.1354

■ 28.7649, 14.3826,
21.5065

Harmonies

Analogous

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



49.6836, 49.4200, 64.0369



51.0734, 49.4200, 58.4769



51.3468, 49.4200, 52.0500

Triad

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



51.0734, 49.4200, 58.4769



46.3536, 49.4200, 42.5443



43.6860, 49.4200, 61.7957

Complementary

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



51.0734, 49.4200, 58.4769



49.6024, 56.5644, 56.4505

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.



42.8535, 49.4200, 55.6092



51.0734, 49.4200, 58.4769



44.3614, 49.4200, 44.7344

Square

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



51.0734, 49.4200, 58.4769



48.5747, 49.4200, 43.1794



43.0967, 49.4200, 49.3982



45.4054, 49.4200, 66.0561

Rectangle

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



51.0734, 49.4200, 58.4769



50.8512, 49.4200, 48.1874



43.0967, 49.4200, 49.3982



43.2957, 49.4200, 59.8537

Sweetspot

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



51.0748, 49.4222, 58.4780



91.2720, 93.4199, 104.6323



48.1590, 47.7978, 63.8151



19.3883, 19.7391, 22.2267



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.



51.0748, 49.4222, 58.4780



82.6184, 78.4671, 94.4893



49.7929, 48.9094, 51.7274



11.5022, 11.3296, 13.1791



18.1512, 9.0711, 13.7806



0.9725, 0.4824, 0.9008

Inverse Universe

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



51.0748, 49.4222, 58.4780



82.6184, 78.4671, 94.4893



50.9359, 57.0978, 63.4724



11.5022, 11.3296, 13.1791



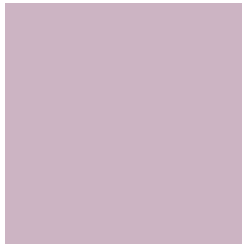
18.1512, 9.0711, 13.7806



0.9725, 0.4824, 0.9008

Previews

White Background



This preview shows how the XYZ color 51.0734, 49.4200, 58.4769 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 51.0734, 49.4200, 58.4769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

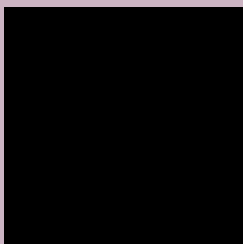
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

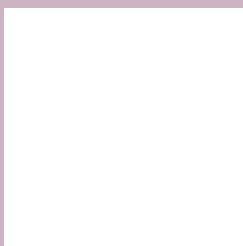
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.0734, 49.4200, 58.4769

Background



This preview shows how black text looks on a background with the XYZ color 51.0734, 49.4200, 58.4769.



This preview shows how white text looks on a background with the XYZ color 51.0734, 49.4200,

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

51.0734, 49.4200, 58.4769

Protanopia

48.2455, 49.7598, 60.4879

Deuteranopia

50.4616, 49.4054, 58.5063



Tritanopia

50.9607, 49.3749, 57.8833

Trichromacy



Original Color

51.0734, 49.4200, 58.4769

Protanomaly

49.2109, 49.6497, 59.8130

Deuteranomaly

50.7313, 49.5444, 58.5190

Tritanomaly

50.9607, 49.3749, 57.8833

Monochromacy



Original Color

51.0734, 49.4200, 58.4769

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.2110, 50.3487, 56.4148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0734, 49.4200, 58.4769 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(204, 180, 195) looks like.

```
.text, #text, p{  
    color:rgb(204, 180, 195)  
}
```

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(204, 180, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 180, 195) }
```

Border

The CSS property to change the border of an element to XYZ 51.0734, 49.4200, 58.4769 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(204, 180, 195) }
```


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

```
.border{ border-color:rgb(204, 180, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 180, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 180, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 180, 195);  
box-shadow:4px 4px 4px 4px rgb(204, 180,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0734, 49.4200, 58.4769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 180, 195) }
```

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

```
.background{ background-color: rgb(204,  
180, 195) }
```

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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