

Converting Colors

XYZ(49.1394, 49.2700, 53.0046)

Have a look what the booklet for
XYZ(49.1394, 49.2700, 53.0046)
contains.

XYZ(49.0381, 49.1008, 52.7918)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(49.0381, 49.1008,
52.7918)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B6B9
RGB	199, 182, 185
RGB Percent	78%, 71%, 73%
CMY	0.2196, 0.2863, 0.2745
CMYK	0.00, 0.09, 0.07, 0.22
HSL	349°, 13%, 75%
HSV	349°, 9%, 78%
XYZ	49.0381, 49.1008, 52.7918
YIQ	187.4250, 9.1690, 4.5370

Conversions

Conversions Part 2

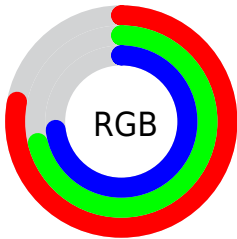
Format	Color
RYB	199, 182, 185
Decimal	13088441
CIELab	75.51, 6.57, 0.66
CIELCh	76, 6.599, 5.762
Yxy	49.1008, 0.3249, 0.3253
Android (android.graphics.Color)	4291278521 (0xFFC7B6B9)
YUV	187.4250, -1.1955, 10.1513
Hunter-Lab	70.0720, 2.2928, 4.3816

Details

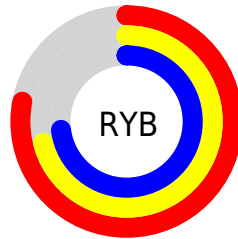
The XYZ color **49.0381, 49.1008, 52.7918** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6805, 54.7787, 60.1821**, and the grayscale version is **47.4782, 49.9507, 54.3964**.

A 20% lighter version of the original color is **87.6917, 88.7599, 95.7296**, and **23.6922, 23.3862, 25.0951** is the 20% darker color. If you saturate the color by 10%, you get **43.6171, 40.8698, 42.9341**, and if you desaturate by 10%, it is **55.2406, 58.5743, 63.8955**.

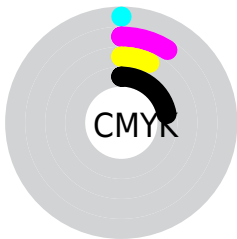
Distribution



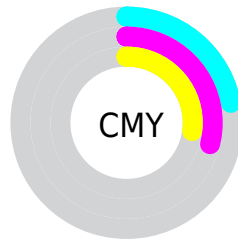
- Red (78%)
- Green (71%)
- Blue (73%)



- Red (78%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0381, 49.1008, 52.7918 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 49.0381, 49.1008, 52.7918 by changing the saturation by 10% instead.


 49.0381, 49.1008,
52.7918

 49.0381, 49.1008,
52.7918


373.4068,
383.1390, 414.5294

 34.8644, 34.6994,
37.2500


 87.9484, 88.8411,
95.7364

 23.7244, 23.4314,
25.1038


113.4157,
114.9489, 123.9762

 15.2530, 14.9124,
15.9347


143.3782,
145.7276, 157.2859

 9.0846, 8.7579,
9.3241

178.2013,
181.5617, 196.0838

 4.8539, 4.5836,
4.8535

218.2504,
222.8354, 240.7886

 2.1957, 2.0051,
2.1043

263.8908,

 0.7405, 0.6104,

269.9333, 291.8188

0.6183

315.4878,
323.2397, 349.5929

■ 0.0000, 0.0000,
0.0000

■ 49.0381, 49.1008,
52.7918

■ 49.0381, 49.1008,
52.7918

■ 43.6171, 40.8698,
42.9341

■ 55.2406, 58.5743,
63.8955

■ 38.9423, 33.8233,
34.2757

■ 62.2497, 69.3319,
76.2834

■ 34.9821, 27.9089,
26.7712

■ 70.0945, 81.4217,
89.9961

■ 31.7006, 23.0671,
20.3717

■ 76.6579, 90.6000,
104.3570

■ 29.0593, 19.2333,
15.0243

■ 77.3635, 90.8823,
108.0723

■ 27.0152, 16.3360,
10.6718

■ 25.5203, 14.2941,
7.2515

■ 24.5188, 13.0124,
4.6933

■ 23.9264, 12.3419,
2.9110

Harmonies

Analogous

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



48.8372, 49.1008, 56.2636



49.0381, 49.1008, 52.7918



48.5952, 49.1008, 49.6374

Triad

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



49.0381, 49.1008, 52.7918



45.3134, 49.1008, 48.2022



45.7139, 49.1008, 59.8149

Complementary

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



49.0381, 49.1008, 52.7918



49.6805, 54.7787, 60.1821

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.



44.7940, 49.1008, 57.4791



49.0381, 49.1008, 52.7918



44.5656, 49.1008, 50.7558

Square

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



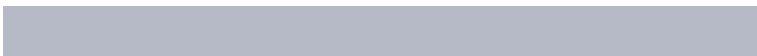
49.0381, 49.1008, 52.7918



46.4341, 49.1008, 47.0626



44.3771, 49.1008, 54.1387



46.9044, 49.1008, 60.4177

Rectangle

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



49.0381, 49.1008, 52.7918



47.9990, 49.1008, 48.1067



44.3771, 49.1008, 54.1387



45.3635, 49.1008, 59.2016

Sweetspot

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



49.0395, 49.1030, 52.7929



91.6598, 94.8166, 102.8468



49.7729, 49.3018, 60.9263



19.4297, 20.0056, 21.6746



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.



49.0395, 49.1030, 52.7929



84.2486, 83.5160, 89.5186



49.8500, 51.2249, 51.5186



10.7089, 10.6670, 11.4506



15.3642, 7.8953, 1.8619



0.7516, 0.3835, 0.2152

Inverse Universe

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



49.0395, 49.1030, 52.7929



84.2486, 83.5160, 89.5186



48.8085, 52.4834, 61.5913



10.7089, 10.6670, 11.4506



15.3642, 7.8953, 1.8619



0.7516, 0.3835, 0.2152

Previews

White Background



This preview shows how the XYZ color 49.0381, 49.1008, 52.7918 looks on a white background.

Color Contrast Check

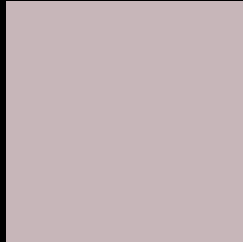
Large Text (above 18pt) WCAG AA × Fail

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 49.0381, 49.1008, 52.7918 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

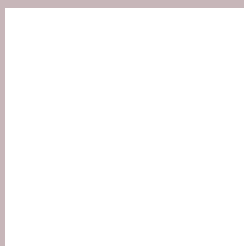
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.0381, 49.1008, 52.7918

Background



This preview shows how black text looks on a background with the XYZ color 49.0381, 49.1008, 52.7918.



This preview shows how white text looks on a background with the XYZ color 49.0381, 49.1008,

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

49.0381, 49.1008, 52.7918

Protanopia

47.3049, 49.1046, 53.9986

Deuteranopia

49.9801, 48.9827, 52.7193



Tritanopia

49.9910, 48.8620, 58.4263

Trichromacy



Original Color

49.0381, 49.1008, 52.7918

Protanomaly

47.9957, 49.1636, 53.4143

Deuteranomaly

49.6380, 49.1071, 52.7614

Tritanomaly

49.7473, 49.0887, 56.1433

Monochromacy



Original Color

49.0381, 49.1008, 52.7918

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.6977, 49.3195, 53.4600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0381, 49.1008, 52.7918 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(199, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(199, 182, 185)  
}
```

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(199, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 182, 185) }
```

Border

The CSS property to change the border of an element to XYZ 49.0381, 49.1008, 52.7918 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(199, 182, 185) }
```


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

```
.border{ border-color:rgb(199, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(199, 182,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0381, 49.1008, 52.7918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 182, 185) }
```

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

```
.background{ background-color: rgb(199,  
182, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor