

Converting Colors

XYZ(49.0183, 49.9003, 58.0891)

Have a look what the booklet for
XYZ(49.0183, 49.9003, 58.0891)
contains.

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Color

**XYZ(49.0789, 49.9304,
58.0897)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B9C2
RGB	193, 185, 194
RGB Percent	76%, 73%, 76%
CMY	0.2431, 0.2745, 0.2392
CMYK	0.01, 0.05, 0.00, 0.24
HSL	293°, 7%, 74%
HSV	293°, 5%, 76%
XYZ	49.0789, 49.9304, 58.0897
YIQ	188.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

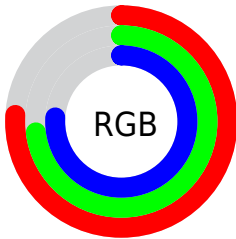
Format	Color
RYB	193, 185, 194
Decimal	12696002
CIELab	76.03, 4.47, -3.54
CIELCh	76, 5.702, 321.582
Yxy	49.9304, 0.3124, 0.3178
Android (android.graphics.Color)	4290886082 (0xFFC1B9C2)
YUV	188.4180, 2.7519, 4.0184
Hunter-Lab	70.6614, 0.3222, 0.7216

Details

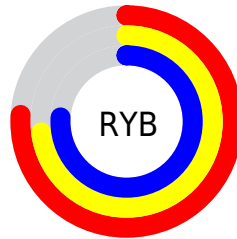
The XYZ color **49.0789, 49.9304, 58.0897** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3002, 52.5267, 53.4944**, and the grayscale version is **48.0230, 50.5239, 55.0205**.

A 20% lighter version of the original color is **87.7775, 89.9525, 103.1787**, and **23.8001, 23.9714, 28.1835** is the 20% darker color. If you saturate the color by 10%, you get **44.7492, 42.0803, 56.8034**, and if you desaturate by 10%, it is **53.9732, 58.8965, 59.5631**.

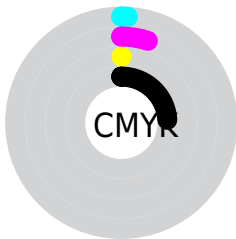
Distribution



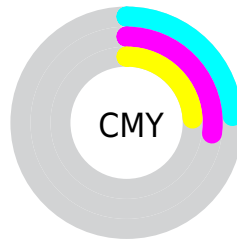
- Red (76%)
- Green (73%)
- Blue (76%)



- Red (76%)
- Yellow (73%)
- Blue (76%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.0789, 49.9304, 58.0897 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 49.0789, 49.9304, 58.0897 by changing the saturation by 10% instead.

■ 49.0789, 49.9304,
58.0897

■ 49.0789, 49.9304,
58.0897

373.5647,
386.3937, 435.1277

■ 34.8969, 35.3581,
41.4656

■ 88.0086, 90.0717,
103.5695

■ 23.7496, 23.9389,
28.3606

113.4871,
116.4096, 133.2623

■ 15.2717, 15.2883,
18.3563

143.4617,
147.4380, 168.1485

■ 9.0978, 9.0219,
11.0340

178.2978,
183.5415, 208.6464

■ 4.8627, 4.7555,
5.9752

218.3608,
225.1045, 255.1748

■ 2.2008, 2.1045,
2.7615

264.0160,

■ 0.7432, 0.6672,

272.5112, 308.1521

0.9742

315.6289,
326.1461, 367.9969

■ 0.0000, 0.0000,
0.0000

■ 49.0789, 49.9304,
58.0897

■ 49.0789, 49.9304,
58.0897

■ 44.7492, 42.0803,
56.8034

■ 53.9732, 58.8965,
59.5631

■ 40.9575, 35.2951,
55.6936

■ 59.4490, 69.0141,
61.2274

■ 37.6815, 29.5294,
54.7534

■ 65.5275, 80.3253,
63.0903

■ 34.8956, 24.7321,
53.9742

■ 69.7534, 87.9194,
64.3334

■ 32.5718, 20.8474,
53.3469

■ 70.3395, 88.2215,
64.3608

■ 30.6795, 17.8140,
52.8611

■ 70.9337, 88.5278,
64.3886

■ 29.1842, 15.5632,
52.5055

■ 71.5361, 88.8384,
64.4168

■ 28.0462, 14.0153,
52.2667

■ 72.1467, 89.1532,
64.4454

■ 27.2171, 13.0737,
52.1286

■ 72.7657, 89.4722,
64.4744

Harmonies

Analogous

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



48.2141, 49.9304, 60.0000



49.0789, 49.9304, 58.0897



49.5107, 49.9304, 55.2283

Triad

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



49.0789, 49.9304, 58.0897



47.7576, 49.9304, 48.7715



45.5796, 49.9304, 56.5502

Complementary

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



49.0789, 49.9304, 58.0897



48.3002, 52.5267, 53.4944

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.



45.4615, 49.9304, 53.5122



49.0789, 49.9304, 58.0897



46.7086, 49.9304, 49.0957

Square

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



49.0789, 49.9304, 58.0897



48.7404, 49.9304, 49.9017



45.8719, 49.9304, 50.8044



46.1970, 49.9304, 59.0883

Rectangle

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



49.0789, 49.9304, 58.0897



49.4906, 49.9304, 53.1975



45.8719, 49.9304, 50.8044



45.4806, 49.9304, 55.5509

Sweetspot

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



49.0803, 49.9325, 58.0908



92.0109, 96.1089, 106.1712



47.3167, 49.3506, 58.0714



20.1590, 21.0643, 23.2533



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.



49.0803, 49.9325, 58.0908



87.7138, 88.2668, 104.8840



48.9531, 49.9112, 56.0861



10.6583, 10.6880, 12.7861



17.6949, 8.3825, 34.2420



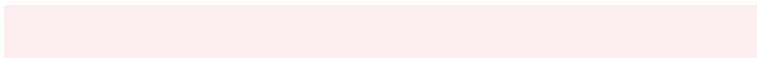
0.7966, 0.3787, 1.4810

Inverse Universe

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



48.4617, 49.7146, 53.4984



86.2580, 87.7547, 94.0427



48.4268, 52.5494, 55.4242



10.4679, 10.6211, 11.3667



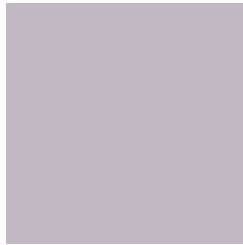
14.7355, 7.5839, 1.2531



0.6522, 0.3339, 0.1359

Previews

White Background



This preview shows how the XYZ color 49.0789, 49.9304, 58.0897 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 49.0789, 49.9304, 58.0897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

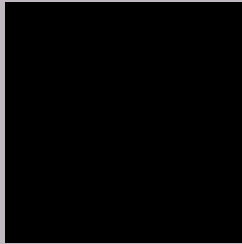
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.0789, 49.9304, 58.0897

Background



This preview shows how black text looks on a background with the XYZ color 49.0789, 49.9304, 58.0897.



This preview shows how white text looks on a background with the XYZ color 49.0789, 49.9304,

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

49.0789, 49.9304, 58.0897

Protanopia

48.3955, 49.8768, 58.7062

Deuteranopia

50.9354, 49.9526, 58.5870



Tritanopia

49.6974, 49.8738, 61.0401

Trichromacy



Original Color

49.0789, 49.9304, 58.0897

Protanomaly

48.6444, 50.0051, 58.7179

Deuteranomaly

50.3370, 49.9492, 58.6179

Tritanomaly

49.4667, 49.7815, 59.8249

Monochromacy



Original Color

49.0789, 49.9304, 58.0897

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.2998, 50.2055, 55.8602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0789, 49.9304, 58.0897 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(193, 185, 194) looks like.

```
.text, #text, p{  
    color:rgb(193, 185, 194)  
}
```

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(193, 185, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 185, 194) }
```

Border

The CSS property to change the border of an element to XYZ 49.0789, 49.9304, 58.0897 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(193, 185, 194) }
```


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

```
.border{ border-color:rgb(193, 185, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 185, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 185, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 185, 194);  
box-shadow:4px 4px 4px 4px rgb(193, 185,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0789, 49.9304, 58.0897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 185, 194) }
```

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

```
.background{ background-color: rgb(193,  
185, 194) }
```

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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