

Converting Colors

XYZ(49.1078, 48.0980, 58.9160)

Have a look what the booklet for
XYZ(49.1078, 48.0980, 58.9160)
contains.

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Color

**XYZ(49.1099, 48.0960,
58.9196)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B3C4
RGB	197, 179, 196
RGB Percent	77%, 70%, 77%
CMY	0.2274, 0.2980, 0.2314
CMYK	0.00, 0.09, 0.01, 0.23
HSL	303°, 13%, 74%
HSV	303°, 9%, 77%
XYZ	49.1099, 48.0960, 58.9196
YIQ	186.3200, 5.2710, 9.1030

Conversions

Conversions Part 2

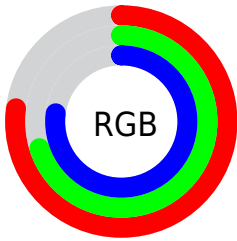
Format	Color
R_{YB}	197, 179, 196
Decimal	12956612
CIE Lab	74.89, 9.47, -6.28
CIE LCh	75, 11.363, 326.453
Yxy	48.0960, 0.3146, 0.3081
Android (android.graphics.Color)	4291146692 (0xFFC5B3C4)
YUV	186.3200, 4.7722, 9.3664
Hunter-Lab	69.3513, 5.0369, -1.8258

Details

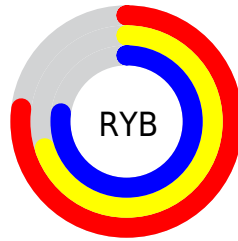
The XYZ color **49.1099, 48.0960, 58.9196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7968, 52.8130, 50.9101**, and the grayscale version is **46.8247, 49.2632, 53.6476**.

A 20% lighter version of the original color is **88.3110, 87.5793, 105.1785**, and **23.6710, 22.7143, 28.7279** is the 20% darker color. If you saturate the color by 10%, you get **45.3166, 40.7075, 57.0429**, and if you desaturate by 10%, it is **53.4710, 56.6172, 60.9912**.

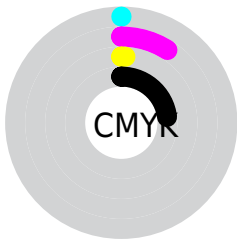
Distribution



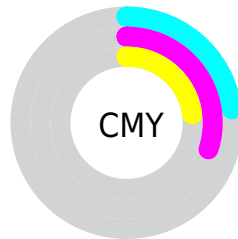
- Red (77%)
- Green (70%)
- Blue (77%)



- Red (77%)
- Yellow (70%)
- Blue (77%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (23%)



- Cyan (23%)
- Magenta (30%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1099, 48.0960, 58.9196 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 49.1099, 48.0960, 58.9196 by changing the saturation by 10% instead.

■ 49.1099, 48.0960,
58.9196

■ 49.1099, 48.0960,
58.9196

373.6846,
379.1725, 438.2975

■ 34.9216, 33.9029,
42.1288

■ 88.0544, 87.3473,
104.7888

■ 23.7687, 22.8190,
28.8758

113.5413,
113.1743, 134.7042

■ 15.2859, 14.4599,
18.7421

143.5250,
143.6481, 169.8317

■ 9.1079, 8.4412,
11.3092

178.3710,
179.1531, 210.5897

■ 4.8693, 4.3786,
6.1584

218.4446,
220.0736, 257.3967

■ 2.2048, 1.8875,
2.8713

264.1112,

■ 0.7452, 0.5408,

266.7941, 310.6713

1.0293

315.7361,
319.6989, 370.8320

■ 0.0000, 0.0000,
0.0000

■ 49.1099, 48.0960,
58.9196

■ 49.1099, 48.0960,
58.9196

■ 45.3166, 40.7075,
57.0429

■ 53.4710, 56.6172,
60.9912

■ 42.0631, 34.3978,
55.3501

■ 58.4180, 66.3096,
63.2620

■ 39.3252, 29.1180,
53.8336

■ 63.9736, 77.2176,
65.7402

■ 37.0755, 24.8130,
52.4843

■ 69.2564, 87.5785,
68.1319

■ 35.2839, 21.4226,
51.2921

■ 69.3852, 87.6301,
68.8102

■ 33.9167, 18.8799,
50.2459

■ 69.5149, 87.6819,
69.4933

■ 32.9362, 17.1089,
49.3330

■ 69.6456, 87.7342,
70.1813

■ 32.2974, 16.0199,
48.5384

■ 69.7771, 87.7868,
70.8742

■ 31.9232, 15.4588,
47.8365

■ 69.9096, 87.8398,
71.5719

Harmonies

Analogous

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



47.5088, 48.0960, 63.2444



49.1099, 48.0960, 58.9196



49.8001, 48.0960, 53.0763

Triad

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



49.1099, 48.0960, 58.9196



45.9603, 48.0960, 41.8009



42.2441, 48.0960, 57.6090

Complementary

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



49.1099, 48.0960, 58.9196



46.7968, 52.8130, 50.9101

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.



41.8574, 48.0960, 51.6668



49.1099, 48.0960, 58.9196



43.9646, 48.0960, 42.8167

Square

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



49.1099, 48.0960, 58.9196



47.9475, 48.0960, 43.4359



42.4780, 48.0960, 46.3217



43.5506, 48.0960, 62.4485

Rectangle

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



49.1099, 48.0960, 58.9196



49.6359, 48.0960, 49.2075



42.4780, 48.0960, 46.3217



42.0040, 48.0960, 55.6618

Sweetspot

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



49.1113, 48.0981, 58.9206



92.5895, 95.1884, 107.7424



44.9993, 45.9651, 59.3247



19.6807, 20.1060, 22.9963



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.



49.1113, 48.0981, 58.9206



86.4953, 83.2908, 104.8149



48.1281, 47.7048, 53.7430



11.0567, 10.8061, 13.2816



20.9886, 10.1450, 31.4796



1.0018, 0.4835, 1.5325

Inverse Universe

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



49.1113, 48.0981, 58.9206



86.4953, 83.2908, 104.8149



47.7328, 53.1874, 55.8393



11.0567, 10.8061, 13.2816



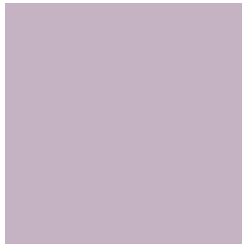
20.9886, 10.1450, 31.4796



1.0018, 0.4835, 1.5325

Previews

White Background



This preview shows how the XYZ color 49.1099, 48.0960, 58.9196 looks on a white background.

Color Contrast Check

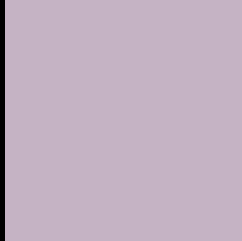
Large Text (above 18pt) WCAG AA × Fail

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 49.1099, 48.0960, 58.9196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

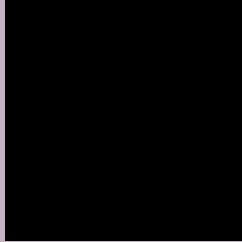
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1099, 48.0960, 58.9196

Background



This preview shows how black text looks on a background with the XYZ color 49.1099, 48.0960, 58.9196.



This preview shows how white text looks on a background with the XYZ color 49.1099, 48.0960,

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

49.1099, 48.0960, 58.9196

Protanopia

47.0095, 48.1808, 60.8550

Deuteranopia

49.1099, 48.0960, 58.9196



Tritanopia

48.8837, 48.0056, 57.7285

Trichromacy



Original Color

49.1099, 48.0960, 58.9196

Protanomaly

47.9073, 48.3519, 60.2340

Deuteranomaly

49.1099, 48.0960, 58.9196

Tritanomaly

48.9964, 48.0506, 58.3221

Monochromacy



Original Color

49.1099, 48.0960, 58.9196

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.4630, 48.5318, 55.5812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1099, 48.0960, 58.9196 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(197, 179, 196)` looks like.

```
.text, #text, p{  
    color:rgb(197, 179, 196)  
}
```

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(197, 179, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 179, 196) }
```

Border

The CSS property to change the border of an element to XYZ 49.1099, 48.0960, 58.9196 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(197, 179, 196) }
```


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

```
.border{ border-color:rgb(197, 179, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 179, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 179, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 179, 196);  
box-shadow:4px 4px 4px 4px rgb(197, 179,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1099, 48.0960, 58.9196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 179, 196) }
```

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

```
.background{ background-color: rgb(197,  
179, 196) }
```

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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