

Converting Colors

XYZ(48.7290, 49.4276, 58.6019)

Have a look what the booklet for
XYZ(48.7290, 49.4276, 58.6019)
contains.

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Color

**XYZ(48.7290, 49.4276,
58.6019)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B8C3
RGB	192, 184, 195
RGB Percent	75%, 72%, 76%
CMY	0.2471, 0.2784, 0.2353
CMYK	0.02, 0.06, 0.00, 0.24
HSL	284°, 8%, 74%
HSV	284°, 6%, 76%
XYZ	48.7290, 49.4276, 58.6019
YIQ	187.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

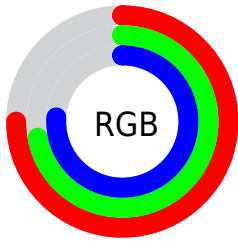
Format	Color
R_{YB}	192, 184, 195
Decimal	12630211
CIE _{Lab}	75.72, 4.85, -4.55
CIE _{LCh}	76, 6.651, 316.797
Yxy	49.4276, 0.3109, 0.3153
Android (android.graphics.Color)	4290820291 (0xFFC0B8C3)
YUV	187.6460, 3.6255, 3.8185
Hunter-Lab	70.3048, 0.6870, -0.2073

Details

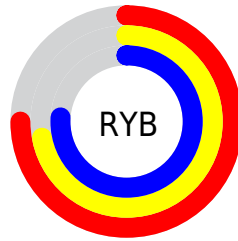
The XYZ color **48.7290, 49.4276, 58.6019** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6623, 53.0570, 53.0262**, and the grayscale version is **47.5800, 50.0579, 54.5130**.

A 20% lighter version of the original color is **87.4422, 89.3049, 104.7243**, and **23.5715, 23.6447, 28.5208** is the 20% darker color. If you saturate the color by 10%, you get **43.6320, 41.1967, 57.2826**, and if you desaturate by 10%, it is **54.4360, 58.8046, 60.1118**.

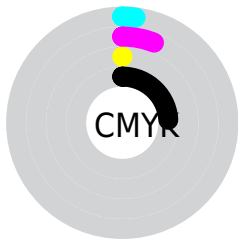
Distribution



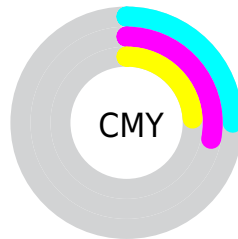
- Red (75%)
- Green (72%)
- Blue (76%)



- Red (75%)
- Yellow (72%)
- Blue (76%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7290, 49.4276, 58.6019 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 48.7290, 49.4276, 58.6019 by changing the saturation by 10% instead.

■ 48.7290, 49.4276,
58.6019

■ 48.7290, 49.4276,
58.6019

372.2092,
384.4233, 437.0858

■ 34.6182, 34.9588,
41.8748

■ 87.4920, 89.3262,
104.3223

■ 23.5341, 23.6311,
28.6785

112.8749,
115.5248, 134.1527

■ 15.1112, 15.0602,
18.5942

142.7458,
146.4021, 169.1879

■ 8.9843, 8.8617,
11.2036

177.4702,
182.3425, 209.8465

■ 4.7880, 4.6511,
6.0881

217.4134,
223.7305, 256.5471

■ 2.1569, 2.0440,
2.8291

262.9407,

■ 0.7199, 0.6329,

270.9503, 309.7081

1.0080

314.4175,
324.3864, 369.7482

■ 0.0000, 0.0000,
0.0000

■ 48.7290, 49.4276,
58.6019

■ 48.7290, 49.4276,
58.6019

■ 43.6320, 41.1967,
57.2826

■ 54.4360, 58.8046,
60.1118

■ 39.1174, 34.0598,
56.1429

■ 60.7704, 69.3644,
61.8162

■ 35.1618, 27.9703,
55.1760

■ 67.7547, 81.1498,
63.7229

■ 31.7388, 22.8757,
54.3731

■ 73.1327, 89.6484,
65.0798

■ 28.8192, 18.7189,
53.7246

■ 74.7041, 90.4585,
65.1534

■ 26.3712, 15.4369,
53.2202

■ 76.3266, 91.2949,
65.2293

■ 24.3589, 12.9586,
52.8479

■ 78.0007, 92.1580,
65.3076

■ 22.7408, 11.2020,
52.5941

■ 79.7268, 93.0478,
65.3884

■ 21.4654, 10.0649,
52.4418

■ 81.5055, 93.9647,
65.4717

Harmonies

Analogous

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



47.6679, 49.4276, 60.5841



48.7290, 49.4276, 58.6019



49.3258, 49.4276, 55.3841

Triad

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



48.7290, 49.4276, 58.6019



47.5231, 49.4276, 47.4745



44.7460, 49.4276, 55.8044

Complementary

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



48.7290, 49.4276, 58.6019



48.6623, 53.0570, 53.0262

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.



44.7088, 49.4276, 52.2822



48.7290, 49.4276, 58.6019



46.2976, 49.4276, 47.5759

Square

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



48.7290, 49.4276, 58.6019



48.6213, 49.4276, 49.0188



45.2723, 49.4276, 49.3023



45.3749, 49.4276, 58.9212

Rectangle

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



48.7290, 49.4276, 58.6019



49.3733, 49.4276, 53.0186



45.2723, 49.4276, 49.3023



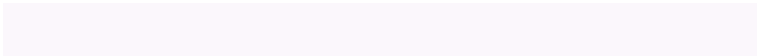
44.6643, 49.4276, 54.6259

Sweetspot

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



48.7304, 49.4297, 58.6030



90.8354, 94.3466, 105.8930



47.4146, 49.7229, 58.7289



19.9140, 20.6970, 23.1953



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.



48.7304, 49.4297, 58.6030



85.8670, 86.2354, 104.5892



49.2306, 49.7184, 57.2312



10.4347, 10.4520, 12.7523



13.7143, 6.3304, 34.0557



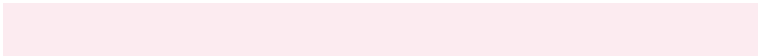
0.6558, 0.3061, 1.4744

Inverse Universe

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



48.6176, 49.4732, 54.0033



85.6218, 86.3370, 94.2786



48.1878, 52.7833, 54.3190



10.4035, 10.4652, 11.4288



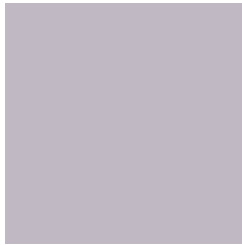
15.0789, 7.7213, 3.0617



0.6816, 0.3456, 0.2905

Previews

White Background



This preview shows how the XYZ color 48.7290, 49.4276, 58.6019 looks on a white background.

Color Contrast Check

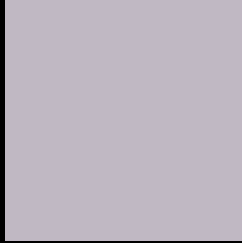
Large Text (above 18pt) WCAG AA × Fail

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 48.7290, 49.4276, 58.6019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

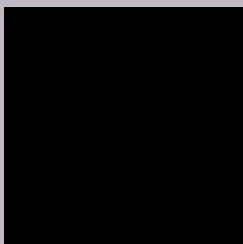
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

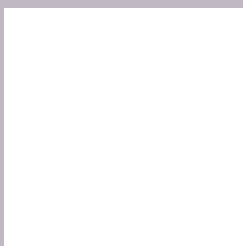
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7290, 49.4276, 58.6019

Background



This preview shows how black text looks on a background with the XYZ color 48.7290, 49.4276, 58.6019.

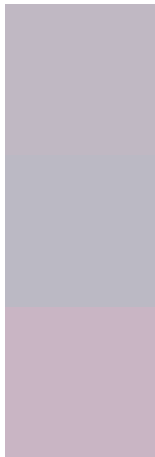


This preview shows how white text looks on a background with the XYZ color 48.7290, 49.4276,

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

48.7290, 49.4276, 58.6019

Protanopia

47.8063, 49.2482, 59.2108

Deuteranopia

50.5751, 49.4508, 59.1039



Tritanopia

49.0718, 49.5647, 60.4067

Trichromacy



Original Color

48.7290, 49.4276, 58.6019

Protanomaly

48.2990, 49.5023, 59.2338

Deuteranomaly

49.9805, 49.4472, 59.1346

Tritanomaly

48.9568, 49.5187, 59.8011

Monochromacy



Original Color

48.7290, 49.4276, 58.6019

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.1606, 50.1211, 56.4262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7290, 49.4276, 58.6019 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, 184, 195) looks like.

```
.text, #text, p{  
    color:rgb(192, 184, 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(192, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 184, 195) }
```

Border

The CSS property to change the border of an element to XYZ 48.7290, 49.4276, 58.6019 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, 184, 195) }
```


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

```
.border{ border-color:rgb(192, 184, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 184, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(192, 184,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7290, 49.4276, 58.6019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 184, 195) }
```

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

```
.background{ background-color: rgb(192,  
184, 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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