

Converting Colors

XYZ(49.6958, 48.7242, 60.4017)

Have a look what the booklet for
XYZ(49.6958, 48.7242, 60.4017)
contains.

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Color

**XYZ(49.5403, 48.5901,
60.1938)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B4C6
RGB	197, 180, 198
RGB Percent	77%, 71%, 78%
CMY	0.2274, 0.2941, 0.2235
CMYK	0.01, 0.09, 0.00, 0.22
HSL	297°, 14%, 74%
HSV	297°, 9%, 78%
XYZ	49.5403, 48.5901, 60.1938
YIQ	187.1350, 4.3540, 9.2020

Conversions

Conversions Part 2

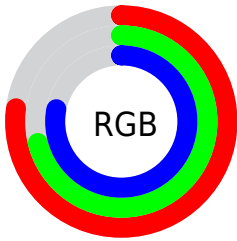
Format	Color
R _Y B	197, 180, 198
Decimal	12956870
CIE Lab	75.20, 9.30, -6.91
CIE LCh	75, 11.588, 323.389
Yxy	48.5901, 0.3129, 0.3069
Android (android.graphics.Color)	4291146950 (0xFFC5B4C6)
YUV	187.1350, 5.3564, 8.6516
Hunter-Lab	69.7066, 4.8729, -2.4041

Details

The XYZ color **49.5403, 48.5901, 60.1938** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4901, 53.5084, 51.0077**, and the grayscale version is **47.2805, 49.7428, 54.1699**.

A 20% lighter version of the original color is **88.9185, 88.2817, 106.9613**, and **23.9511, 23.0320, 29.5688** is the 20% darker color. If you saturate the color by 10%, you get **45.5388, 41.0124, 58.9428**, and if you desaturate by 10%, it is **54.1177, 57.3150, 61.6373**.

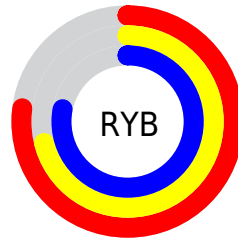
Distribution



Red (77%)

Green (71%)

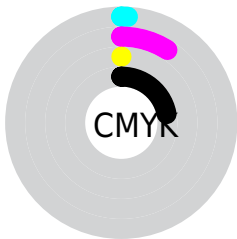
Blue (78%)



Red (77%)

Yellow (71%)

Blue (78%)

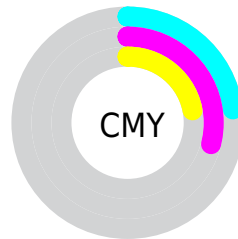


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (22%)



Cyan (23%)

Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.5403, 48.5901, 60.1938 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 49.5403, 48.5901, 60.1938 by changing the saturation by 10% instead.

■ 49.5403, 48.5901,
60.1938

■ 49.5403, 48.5901,
60.1938

375.3473,
381.1264, 443.1362

■ 35.2646, 34.2944,
43.1485

■ 88.6893, 88.0824,
106.6569

■ 24.0342, 23.1199,
29.6694

114.2933,
114.0477, 136.9118

■ 15.4839, 14.6821,
19.3379

144.4040,
144.6718, 172.4070

■ 9.2482, 8.5965,
11.7354

179.3870,
180.3390, 213.5610

■ 4.9618, 4.4790,
6.4434

219.6074,
221.4336, 260.7924

■ 2.2594, 1.9449,
3.0434

265.4307,

■ 0.7738, 0.5752,

268.3401, 314.5197

1.1168

317.2222,
321.4429, 375.1614

■ 0.0000, 0.0000,
0.0000

■ 49.5403, 48.5901,
60.1938

■ 49.5403, 48.5901,
60.1938

■ 45.5388, 41.0124,
58.9428

■ 54.1177, 57.3150,
61.6373

■ 42.0850, 34.5276,
57.8731

■ 59.2894, 67.2262,
63.2778

■ 39.1543, 29.0860,
56.9773

■ 65.0783, 78.3686,
65.1234

■ 36.7189, 24.6319,
56.2459

■ 70.1485, 88.0704,
66.7288

■ 34.7483, 21.1043,
55.6689

■ 70.4460, 88.2238,
66.7427

■ 33.2087, 18.4356,
55.2349

■ 70.7456, 88.3783,
66.7568

■ 32.0616, 16.5488,
54.9312

■ 71.0474, 88.5338,
66.7709

■ 31.2616, 15.3532,
54.7425

■ 71.3513, 88.6905,
66.7851

■ 30.7314, 14.6942,
54.6433

■ 71.6574, 88.8483,
66.7994

Harmonies

Analogous

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



47.8239, 48.5901, 64.3856



49.5403, 48.5901, 60.1938



50.3608, 48.5901, 54.2646

Triad

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



49.5403, 48.5901, 60.1938



46.6553, 48.5901, 42.1163



42.5350, 48.5901, 57.6872

Complementary

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



49.5403, 48.5901, 60.1938



47.4901, 53.5084, 51.0077

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.



42.2437, 48.5901, 51.5710



49.5403, 48.5901, 60.1938



44.5809, 48.5901, 42.8797

Square

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



49.5403, 48.5901, 60.1938



48.6624, 48.5901, 44.0610



42.9817, 48.5901, 46.2322



43.7901, 48.5901, 62.8627

Rectangle

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



49.5403, 48.5901, 60.1938



50.2720, 48.5901, 50.2436



42.9817, 48.5901, 46.2322



42.3228, 48.5901, 55.6616

Sweetspot

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



49.5417, 48.5922, 60.1949



92.5017, 95.1353, 108.0953



45.5821, 46.9121, 60.0793



19.6569, 20.0916, 23.0920



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.



49.5417, 48.5922, 60.1949



86.1745, 83.0965, 106.1051



48.9276, 48.3769, 55.5903



11.0227, 10.7855, 13.4183



19.9809, 9.5348, 35.5316



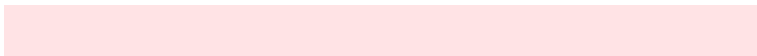
0.9643, 0.4608, 1.6833

Inverse Universe

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



47.9521, 47.9867, 50.4534



82.7697, 81.8005, 85.1958



48.0737, 53.7149, 55.3000



10.6574, 10.6463, 11.1789



15.1949, 7.8275, 0.9703



0.7280, 0.3740, 0.0908

Previews

White Background



This preview shows how the XYZ color 49.5403, 48.5901, 60.1938 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 49.5403, 48.5901, 60.1938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

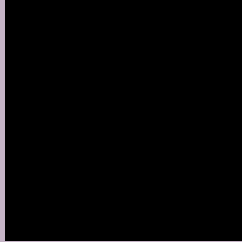
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5403, 48.5901, 60.1938

Background



This preview shows how black text looks on a background with the XYZ color 49.5403, 48.5901, 60.1938.



This preview shows how white text looks on a background with the XYZ color 49.5403, 48.5901,

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

49.5403, 48.5901, 60.1938

Protanopia

47.3330, 48.6415, 61.5376

Deuteranopia

49.5403, 48.5901, 60.1938



Tritanopia

49.4002, 48.8582, 58.4567

Trichromacy



Original Color

49.5403, 48.5901, 60.1938

Protanomaly

48.2286, 48.8093, 60.9121

Deuteranomaly

49.5403, 48.5901, 60.1938

Tritanomaly

49.5136, 48.9036, 59.0542

Monochromacy



Original Color

49.5403, 48.5901, 60.1938

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.0303, 49.1189, 56.2396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5403, 48.5901, 60.1938 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, 180, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 180, 198)  
}
```

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, 180, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 180, 198) }
```

Border

The CSS property to change the border of an element to XYZ 49.5403, 48.5901, 60.1938 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, 180, 198) }
```


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

```
.border{ border-color:rgb(197, 180, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 180, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 180, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 180, 198);  
box-shadow:4px 4px 4px 4px rgb(197, 180,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5403, 48.5901, 60.1938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 180, 198) }
```

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

```
.background{ background-color: rgb(197,  
180, 198) }
```

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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