

Converting Colors

XYZ(47.9541, 49.6078, 58.2569)

Have a look what the booklet for
XYZ(47.9541, 49.6078, 58.2569)
contains.

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Color

**XYZ(48.0355, 49.7042,
58.1011)**

Conversions

Conversions Part 1

Format	Color
Hex	BCBAC2
RGB	188, 186, 194
RGB Percent	74%, 73%, 76%
CMY	0.2627, 0.2706, 0.2392
CMYK	0.03, 0.04, 0.00, 0.24
HSL	255°, 6%, 75%
HSV	255°, 4%, 76%
XYZ	48.0355, 49.7042, 58.1011
YIQ	187.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

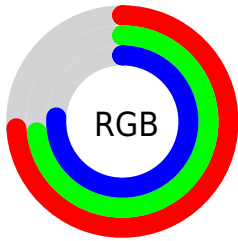
Format	Color
R _Y B	188, 186, 194
Decimal	12368578
CIE Lab	75.89, 2.20, -3.79
CIE LCh	76, 4.388, 300.158
Yxy	49.7042, 0.3082, 0.3189
Android (android.graphics.Color)	4290558658 (0xFFBCBAC2)
YUV	187.5100, 3.1996, 0.4297
Hunter-Lab	70.5012, -1.7574, 0.4891

Details

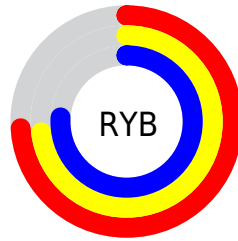
The XYZ color **48.0355, 49.7042, 58.1011** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8949, 53.3366, 54.1221**, and the grayscale version is **47.5064, 49.9804, 54.4287**.

A 20% lighter version of the original color is **86.3157, 89.6395, 103.1953**, and **23.1128, 23.8194, 28.1904** is the 20% darker color. If you saturate the color by 10%, you get **40.8162, 40.3228, 56.6716**, and if you desaturate by 10%, it is **56.1742, 60.3861, 59.7347**.

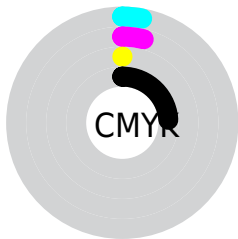
Distribution



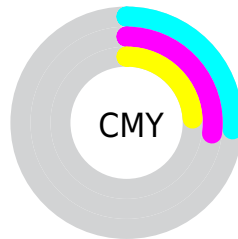
- Red (74%)
- Green (73%)
- Blue (76%)



- Red (74%)
- Yellow (73%)
- Blue (76%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (24%)



- Cyan (26%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0355, 49.7042, 58.1011 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 48.0355, 49.7042, 58.1011 by changing the saturation by 10% instead.

■ 48.0355, 49.7042,
58.1011

■ 48.0355, 49.7042,
58.1011

369.5131,
385.5081, 435.1713

■ 34.0664, 35.1784,
41.4747

■ 86.4666, 89.7365,
103.5863

■ 23.1077, 23.8003,
28.3677

111.6593,
116.0117, 133.2822

■ 14.7942, 15.1856,
18.3616

141.3240,
146.9723, 168.1716

■ 8.7605, 8.9497,
11.0378

175.8258,
183.0025, 208.6732

■ 4.6411, 4.7084,
5.9778

215.5303,
224.4868, 255.2054

■ 2.0708, 2.0772,
2.7630

260.8028,

■ 0.6733, 0.6518,

271.8095, 308.1868

0.9749

312.0086,
325.3552, 368.0359

■ 0.0000, 0.0000,
0.0000

■ 48.0355, 49.7042,
58.1011

■ 48.0355, 49.7042,
58.1011

■ 40.8162, 40.3228,
56.6716

■ 56.1742, 60.3861,
59.7347

■ 34.4792, 32.1857,
55.4349

■ 65.2593, 72.4092,
61.5766

■ 28.9911, 25.2416,
54.3839

■ 75.3218, 85.8205,
63.6349

■ 24.3146, 19.4338,
53.5093

■ 83.5832, 95.0489,
64.9807

■ 20.4096, 14.7002,
52.8015

■ 86.7378, 96.6751,
65.1283

■ 17.2324, 10.9733,
52.2495

■ 14.7347, 8.1773,
51.8415

■ 12.8617, 6.2254,
51.5634

■ 11.5491, 5.0135,
51.3987

Harmonies

Analogous

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



47.2467, 49.7042, 58.7415



48.0355, 49.7042, 58.1011



48.6173, 49.7042, 56.3879

Triad

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



48.0355, 49.7042, 58.1011



48.0279, 49.7042, 50.3122



45.6897, 49.7042, 54.1318

Complementary

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



48.0355, 49.7042, 58.1011



49.8949, 53.3366, 54.1221

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.



45.8936, 49.7042, 51.9126



48.0355, 49.7042, 58.1011



47.2380, 49.7042, 49.7464

Square

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



48.0355, 49.7042, 58.1011



48.6129, 49.7042, 51.8918



46.4580, 49.7042, 50.3239



45.8978, 49.7042, 56.4099

Rectangle

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



48.0355, 49.7042, 58.1011



48.8062, 49.7042, 54.8917



46.4580, 49.7042, 50.3239



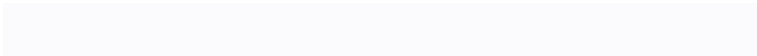
45.7123, 49.7042, 53.3544

Sweetspot

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



48.0369, 49.7063, 58.1022



91.4284, 95.8086, 106.1439



48.8679, 52.0935, 58.5192



20.0376, 21.0017, 23.2476



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.



48.0369, 49.7063, 58.1022



85.7064, 88.3265, 105.0013



49.0026, 50.2042, 58.1474



10.3690, 10.6612, 12.7961



7.2816, 3.0142, 33.7546



0.3802, 0.1641, 1.4615

Inverse Universe

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



49.3233, 50.3952, 56.9995



88.5629, 89.8564, 102.5430



48.9283, 52.8383, 54.0769



10.7536, 10.8672, 12.4644



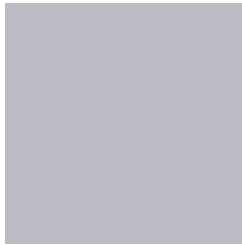
18.0505, 8.9099, 18.7097



0.8061, 0.3955, 0.9464

Previews

White Background



This preview shows how the XYZ color 48.0355, 49.7042, 58.1011 looks on a white background.

Color Contrast Check

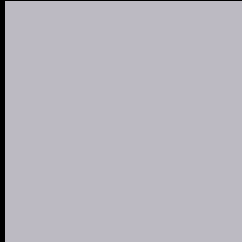
Large Text (above 18pt) WCAG AA × Fail

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 48.0355, 49.7042, 58.1011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

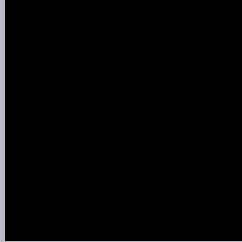
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0355, 49.7042, 58.1011

Background



This preview shows how black text looks on a background with the XYZ color 48.0355, 49.7042, 58.1011.



This preview shows how white text looks on a background with the XYZ color 48.0355, 49.7042,

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

48.0355, 49.7042, 58.1011

Protanopia

48.0355, 49.7042, 58.1011

Deuteranopia

50.4616, 49.4054, 58.5063



Tritanopia

48.7606, 49.6869, 61.6641

Trichromacy



Original Color

48.0355, 49.7042, 58.1011

Protanomaly

48.0355, 49.7042, 58.1011

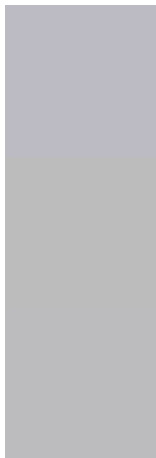
Deuteranomaly

49.5488, 49.5429, 58.5810

Tritanomaly

48.5283, 49.5940, 60.4410

Monochromacy



Original Color

48.0355, 49.7042, 58.1011

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.8036, 49.9497, 55.8369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0355, 49.7042, 58.1011 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(188, 186, 194) looks like.

```
.text, #text, p{  
    color:rgb(188, 186, 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(188, 186, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 186, 194) }
```

Border

The CSS property to change the border of an element to XYZ 48.0355, 49.7042, 58.1011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

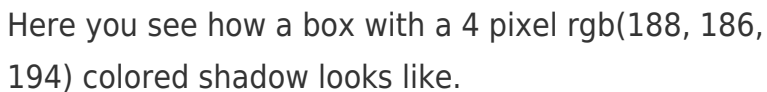
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 186, 194) }
```


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

```
.border{ border-color:rgb(188, 186, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 186, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 186, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 186, 194); box-shadow:4px 4px 4px 4px rgb(188, 186, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0355, 49.7042, 58.1011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 186, 194) }
```

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

```
.background{ background-color: rgb(188,  
186, 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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