

Converting Colors

XYZ(49.2721, 51.0862, 58.1650)

Have a look what the booklet for
XYZ(49.2721, 51.0862, 58.1650)
contains.

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Color

**XYZ(49.2067, 50.9378,
58.2775)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBCC2
RGB	191, 188, 194
RGB Percent	75%, 74%, 76%
CMY	0.2510, 0.2627, 0.2392
CMYK	0.02, 0.03, 0.00, 0.24
HSL	270°, 5%, 75%
HSV	270°, 3%, 76%
XYZ	49.2067, 50.9378, 58.2775
YIQ	189.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

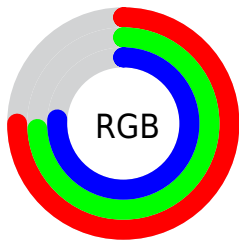
Format	Color
R_{YB}	191, 188, 194
Decimal	12565698
CIE Lab	76.64, 2.17, -2.66
CIE LCh	77, 3.428, 309.170
Yxy	50.9378, 0.3106, 0.3215
Android (android.graphics.Color)	4290755778 (0xFFFBFCC2)
YUV	189.5810, 2.1786, 1.2445
Hunter-Lab	71.3707, -1.8316, 1.5465

Details

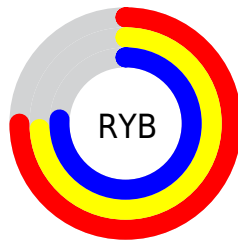
The XYZ color **49.2067, 50.9378, 58.2775** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8566, 53.2921, 55.2381**, and the grayscale version is **48.6918, 51.2276, 55.7868**.

A 20% lighter version of the original color is **87.9638, 91.3777, 103.4439**, and **23.8788, 24.6247, 28.3054** is the 20% darker color. If you saturate the color by 10%, you get **42.9780, 41.9837, 56.8782**, and if you desaturate by 10%, it is **56.1572, 61.0938, 59.8722**.

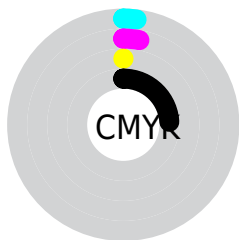
Distribution



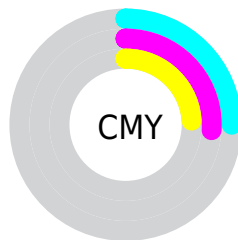
- Red (75%)
- Green (74%)
- Blue (76%)



- Red (75%)
- Yellow (74%)
- Blue (76%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2067, 50.9378, 58.2775 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 49.2067, 50.9378, 58.2775 by changing the saturation by 10% instead.

■ 49.2067, 50.9378,
58.2775

■ 49.2067, 50.9378,
58.2775

374.0590,
390.3221, 435.8463

■ 34.9987, 36.1591,
41.6156

■ 88.1972, 91.5628,
103.8456

■ 23.8284, 24.5571,
28.4771

113.7105,
118.1779, 133.5889

■ 15.3304, 15.7474,
18.4434

143.7229,
149.5073, 168.5298

■ 9.1394, 9.3456,
11.0961

178.5997,
185.9354, 209.0867

■ 4.8901, 4.9673,
6.0165

218.7064,
227.8465, 255.6783

■ 2.2170, 2.2281,
2.7862

264.4082,

■ 0.7517, 0.7352,

275.6250, 308.7231

0.9865

316.0707,
329.6554, 368.6395

■ 0.0000, 0.0000,
0.0000

■ 49.2067, 50.9378,
58.2775

■ 49.2067, 50.9378,
58.2775

■ 42.9780, 41.9837,
56.8782

■ 56.1572, 61.0938,
59.8722

■ 37.4415, 34.1793,
55.6636

■ 63.8488, 72.4885,
61.6662

■ 32.5719, 27.4779,
54.6268

■ 72.3059, 85.1649,
63.6673

■ 28.3406, 21.8274,
53.7592

■ 78.0730, 92.2083,
64.7228

■ 24.7168, 17.1711,
53.0514

■ 81.2716, 93.8572,
64.8725

■ 21.6669, 13.4469,
52.4933

■ 84.6462, 95.5969,
65.0305

■ 19.1532, 10.5854,
52.0735

■ 86.7378, 96.6751,
65.1284

■ 17.1333, 8.5069,
51.7787

■ 15.5565, 7.1162,
51.5934

Harmonies

Analogous

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



48.6138, 50.9378, 59.0633



49.2067, 50.9378, 58.2775



49.5896, 50.9378, 56.7422

Triad

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



49.2067, 50.9378, 58.2775



48.8596, 50.9378, 52.1915



47.1943, 50.9378, 56.0336

Complementary

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



49.2067, 50.9378, 58.2775



49.8566, 53.2921, 55.2381

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.



47.2588, 50.9378, 54.2024



49.2067, 50.9378, 58.2775



48.2164, 50.9378, 52.0113

Square

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



49.2067, 50.9378, 58.2775



49.3880, 50.9378, 53.2375



47.6315, 50.9378, 52.7398



47.4546, 50.9378, 57.7489

Rectangle

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



49.2067, 50.9378, 58.2775



49.6724, 50.9378, 55.5144



47.6315, 50.9378, 52.7398



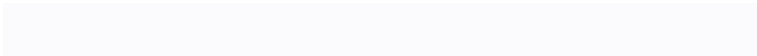
47.1787, 50.9378, 55.4109

Sweetspot

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



49.2082, 50.9400, 58.2786



91.6557, 95.9258, 106.1545



49.1311, 51.8935, 58.4667



20.0850, 21.0261, 23.2498



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.



49.2082, 50.9400, 58.2786



87.9976, 90.6176, 105.3228



49.9448, 51.3197, 58.3131



10.6500, 10.9300, 12.8332



9.7348, 4.2789, 33.8694



0.5001, 0.2259, 1.4671

Inverse Universe

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



49.6371, 51.1996, 56.5590



89.0159, 91.2339, 101.2406



49.1344, 52.9198, 55.2043



10.7930, 11.0165, 12.2602



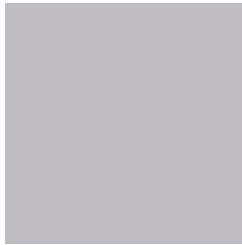
16.0889, 8.1253, 8.3801



0.7300, 0.3650, 0.5453

Previews

White Background



This preview shows how the XYZ color 49.2067, 50.9378, 58.2775 looks on a white background.

Color Contrast Check

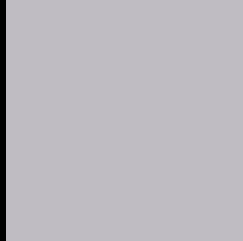
Large Text (above 18pt) WCAG AA × Fail

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 49.2067, 50.9378, 58.2775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

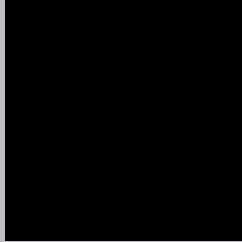
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

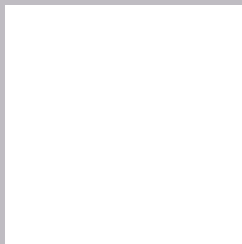
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.2067, 50.9378, 58.2775

Background



This preview shows how black text looks on a background with the XYZ color 49.2067, 50.9378, 58.2775.



This preview shows how white text looks on a background with the XYZ color 49.2067, 50.9378,

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

49.2067, 50.9378, 58.2775

Protanopia

49.2067, 50.9378, 58.2775

Deuteranopia

51.9607, 50.7862, 58.6939



Tritanopia

50.1692, 51.0114, 63.0791

Trichromacy



Original Color

49.2067, 50.9378, 58.2775

Protanomaly

49.2067, 50.9378, 58.2775

Deuteranomaly

51.0187, 50.9174, 58.7688

Tritanomaly

49.8174, 50.8706, 61.2262

Monochromacy



Original Color

49.2067, 50.9378, 58.2775

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.8368, 51.1039, 56.5803

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2067, 50.9378, 58.2775 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(191, 188, 194) looks like.

```
.text, #text, p{  
    color:rgb(191, 188, 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(191, 188, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 188, 194) }
```

Border

The CSS property to change the border of an element to XYZ 49.2067, 50.9378, 58.2775 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(191, 188, 194) }
```


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

```
.border{ border-color:rgb(191, 188, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 188, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 188, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 188, 194);  
box-shadow:4px 4px 4px 4px rgb(191, 188,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2067, 50.9378, 58.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 188, 194) }
```

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

```
.background{ background-color: rgb(191,  
188, 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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