

Converting Colors

XYZ(50.0674, 49.1613, 57.9732)

Have a look what the booklet for
XYZ(50.0674, 49.1613, 57.9732)
contains.

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Color

**XYZ(50.0809, 49.2221,
57.9002)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B5C2
RGB	200, 181, 194
RGB Percent	78%, 71%, 76%
CMY	0.2157, 0.2902, 0.2392
CMYK	0.00, 0.09, 0.03, 0.22
HSL	319°, 15%, 75%
HSV	319°, 9%, 78%
XYZ	50.0809, 49.2221, 57.9002
YIQ	188.1630, 7.1510, 8.0710

Conversions

Conversions Part 2

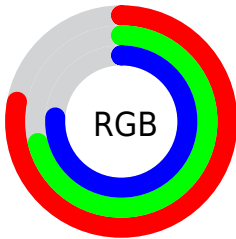
Format	Color
R _Y B	200, 181, 194
Decimal	13153730
CIE Lab	75.59, 9.06, -4.12
CIE LCh	76, 9.956, 335.553
Yxy	49.2221, 0.3186, 0.3131
Android (android.graphics.Color)	4291343810 (0xFFC8B5C2)
YUV	188.1630, 2.8776, 10.3810
Hunter-Lab	70.1585, 4.6405, 0.1802

Details

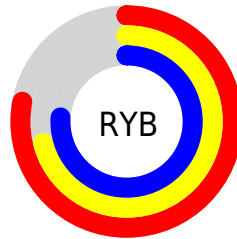
The XYZ color **50.0809, 49.2221, 57.9002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6819, 54.7215, 55.0128**, and the grayscale version is **47.8750, 50.3683, 54.8510**.

A 20% lighter version of the original color is **88.7795, 88.7305, 102.8900**, and **24.3069, 23.4428, 28.0547** is the 20% darker color. If you saturate the color by 10%, you get **45.6085, 41.3881, 52.9835**, and if you desaturate by 10%, it is **55.1701, 58.2400, 63.1725**.

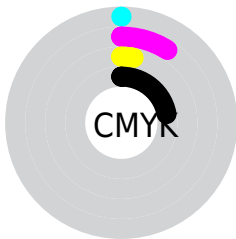
Distribution



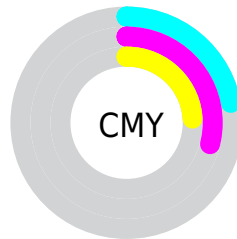
- Red (78%)
- Green (71%)
- Blue (76%)



- Red (78%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.0809, 49.2221, 57.9002 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 50.0809, 49.2221, 57.9002 by changing the saturation by 10% instead.

■ 50.0809, 49.2221,
57.9002

■ 50.0809, 49.2221,
57.9002

377.4290,
383.6160, 434.4018

■ 35.6957, 34.7957,
41.3143

■ 89.4858, 89.0212,
103.2909

■ 24.3683, 23.5055,
28.2432

115.2363,
115.1627, 132.9326

■ 15.7333, 14.9672,
18.2684

145.5060,
145.9781, 167.7635

■ 9.4253, 8.7964,
10.9714

180.6601,
181.8517, 208.2018

■ 5.0789, 4.6086,
5.9337

221.0642,
223.1678, 254.6663

■ 2.3289, 2.0195,
2.7367

267.0834,

■ 0.8094, 0.6188,

270.3110, 307.5754

0.9618

319.0832,
323.6656, 367.3478

■ 0.0000, 0.0000,
0.0000

■ 50.0809, 49.2221,
57.9002

■ 50.0809, 49.2221,
57.9002

■ 45.6085, 41.3881,
52.9835

■ 55.1701, 58.2400,
63.1725

■ 41.7235, 34.6819,
48.4090

■ 60.8954, 68.4822,
68.8068

■ 38.4004, 29.0524,
44.1670

■ 67.2807, 79.9947,
74.8135

■ 35.6102, 24.4422,
40.2458

■ 72.4015, 88.9282,
80.5528

■ 33.3211, 20.7884,
36.6330

■ 73.2505, 89.2678,
85.0240

■ 31.4979, 18.0211,
33.3148

■ 74.1315, 89.6203,
89.6633

■ 30.1003, 16.0607,
30.2758

■ 75.0448, 89.9856,
94.4725

■ 29.0812, 14.8133,
27.4982

■ 75.9907, 90.3639,
99.4533

■ 28.3566, 14.1117,
24.9519

■ 76.9694, 90.7554,
104.6074

Harmonies

Analogous

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



48.8726, 49.2221, 62.2721



50.0809, 49.2221, 57.9002



50.3963, 49.2221, 52.6196

Triad

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



50.0809, 49.2221, 57.9002



46.4425, 49.2221, 44.1249



43.9631, 49.2221, 59.7075

Complementary

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



50.0809, 49.2221, 57.9002



48.6819, 54.7215, 55.0128

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.



43.3489, 49.2221, 54.5814



50.0809, 49.2221, 57.9002



44.7561, 49.2221, 45.7630

Square

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



50.0809, 49.2221, 57.9002



48.2643, 49.2221, 44.8858



43.6353, 49.2221, 49.5077



45.3345, 49.2221, 63.3625

Rectangle

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



50.0809, 49.2221, 57.9002



50.0507, 49.2221, 49.3398



43.6353, 49.2221, 49.5077



43.6629, 49.2221, 58.0870

Sweetspot

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



50.0823, 49.2242, 57.9013



92.2713, 95.0611, 106.0666



47.3714, 47.7472, 61.3638



19.5946, 20.0715, 22.5426



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.



50.0823, 49.2242, 57.9013



85.3515, 82.8333, 98.7917



49.0808, 48.8236, 52.6276



10.9350, 10.7574, 12.6411



18.0506, 8.9698, 16.0082



0.8864, 0.4374, 0.9252

Inverse Universe

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



50.0823, 49.2242, 57.9013



85.3515, 82.8333, 98.7917



49.6985, 55.1282, 60.3666



10.9350, 10.7574, 12.6411



18.0506, 8.9698, 16.0082



0.8864, 0.4374, 0.9252

Previews

White Background



This preview shows how the XYZ color 50.0809, 49.2221, 57.9002 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 50.0809, 49.2221, 57.9002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

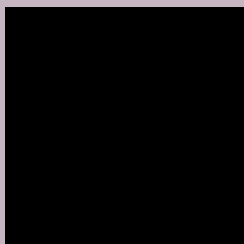
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0809, 49.2221, 57.9002

Background



This preview shows how black text looks on a background with the XYZ color 50.0809, 49.2221, 57.9002.



This preview shows how white text looks on a background with the XYZ color 50.0809, 49.2221,

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

50.0809, 49.2221, 57.9002

Protanopia

47.9205, 49.2939, 59.8123

Deuteranopia

50.3489, 49.3603, 57.9128



Tritanopia

50.1936, 49.2672, 58.4938

Trichromacy



Original Color

50.0809, 49.2221, 57.9002

Protanomaly

48.8425, 49.4730, 59.1995

Deuteranomaly

50.3489, 49.3603, 57.9128

Tritanomaly

50.1936, 49.2672, 58.4938

Monochromacy



Original Color

50.0809, 49.2221, 57.9002

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.3815, 49.6221, 55.7432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0809, 49.2221, 57.9002 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(200, 181, 194)` looks like.

```
.text, #text, p{  
    color:rgb(200, 181, 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(200, 181, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 181, 194) }
```

Border

The CSS property to change the border of an element to XYZ 50.0809, 49.2221, 57.9002 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(200, 181, 194) }
```


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

```
.border{ border-color:rgb(200, 181, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 181, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 181, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 181, 194);  
box-shadow:4px 4px 4px 4px rgb(200, 181,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0809, 49.2221, 57.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 181, 194) }
```

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

```
.background{ background-color: rgb(200,  
181, 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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