

Converting Colors

XYZ(49.2278, 52.1519, 51.2147)

Have a look what the booklet for
XYZ(49.2278, 52.1519, 51.2147)
contains.

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Color

**XYZ(49.2194, 52.0671,
51.1719)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BFB5
RGB	194, 191, 181
RGB Percent	76%, 75%, 71%
CMY	0.2392, 0.2510, 0.2902
CMYK	0.00, 0.02, 0.07, 0.24
HSL	46°, 10%, 74%
HSV	46°, 7%, 76%
XYZ	49.2194, 52.0671, 51.1719
YIQ	190.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

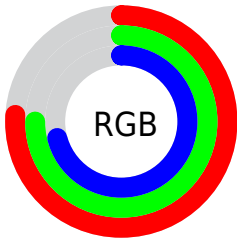
Format	Color
RYB	185, 194, 181
Decimal	12763061
CIELab	77.32, -0.73, 5.40
CIELCh	77, 5.451, 97.693
Yxy	52.0671, 0.3228, 0.3415
Android (android.graphics.Color)	4290953141 (0xFFC2BFB5)
YUV	190.7570, -4.8102, 2.8441
Hunter-Lab	72.1575, -4.5190, 8.4636

Details

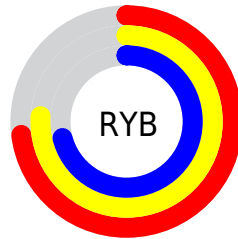
The XYZ color **49.2194, 52.0671, 51.1719** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.9341, 47.9990, 57.8832**, and the grayscale version is **49.4066, 51.9796, 56.6058**.

A 20% lighter version of the original color is **87.9712, 92.9599, 93.4273**, and **23.8000, 25.3109, 24.0532** is the 20% darker color. If you saturate the color by 10%, you get **46.4060, 49.4068, 41.0875**, and if you desaturate by 10%, it is **52.3427, 54.9024, 62.7284**.

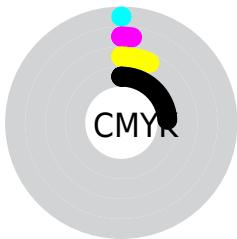
Distribution



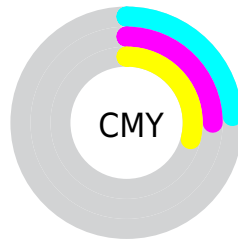
- Red (76%)
- Green (75%)
- Blue (71%)



- Red (73%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (24%)



- Cyan (24%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.2194, 52.0671, 51.1719 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 49.2194, 52.0671, 51.1719 by changing the saturation by 10% instead.

■ 49.2194, 52.0671,
51.1719

■ 49.2194, 52.0671,
51.1719

374.1081,
394.6956, 408.0969

■ 35.0088, 37.0586,
35.9678

■ 88.2160, 93.2302,
93.3229

■ 23.8362, 25.2528,
24.1198

113.7327,
120.1535, 121.1069

■ 15.3362, 16.2655,
15.2095

143.7488,
151.8173, 153.9212

■ 9.1436, 9.7122,
8.8183

178.6297,
188.6058, 192.1844

■ 4.8928, 5.2086,
4.5277

218.7407,
230.9035, 236.3150

■ 2.2186, 2.3702,
1.9191

264.4472,

■ 0.7525, 0.8105,

279.0948, 286.7316

0.5048

316.1145,
333.5640, 343.8527

■ 0.0000, 0.0000,
0.0000

■ 49.2194, 52.0671,
51.1719

■ 49.2194, 52.0671,
51.1719

■ 46.4060, 49.4068,
41.0875

■ 52.3427, 54.9024,
62.7284

■ 43.8866, 46.9097,
32.4119

■ 55.7826, 57.9106,
75.8103

■ 41.6501, 44.5725,
25.0819

■ 59.5508, 61.0987,
90.4723

■ 39.6831, 42.3895,
19.0282

■ 63.0720, 64.2368,
103.6824

■ 37.9711, 40.3544,
14.1756

■ 64.1838, 66.4604,
104.0530

■ 36.4979, 38.4603,
10.4406

■ 65.3267, 68.7461,
104.4340

■ 35.2455, 36.6996,
7.7290

■ 66.5008, 71.0943,
104.8254

■ 34.1927, 35.0633,
5.9314

■ 67.7064, 73.5056,
105.2272

■ 33.3116, 33.5399,
4.9019

■ 68.9438, 75.9804,
105.6397

Harmonies

Analogous

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



50.2558, 52.0671, 51.5270



49.2194, 52.0671, 51.1719



48.2683, 52.0671, 52.2541

Triad

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



49.2194, 52.0671, 51.1719



47.9133, 52.0671, 60.2886



51.3729, 52.0671, 58.9075

Complementary

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



49.2194, 52.0671, 51.1719



45.9341, 47.9990, 57.8832

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.



50.7285, 52.0671, 61.3748



49.2194, 52.0671, 51.1719



48.7285, 52.0671, 62.1916

Square

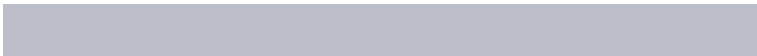
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.2194, 52.0671, 51.1719



47.5211, 52.0671, 57.4670



49.7580, 52.0671, 62.5959



51.5088, 52.0671, 55.9244

Rectangle

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



49.2194, 52.0671, 51.1719



47.8072, 52.0671, 53.6682



49.7580, 52.0671, 62.5959



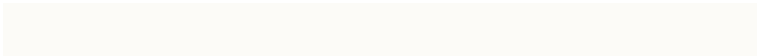
51.2082, 52.0671, 59.8277

Sweetspot

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



49.2208, 52.0694, 51.1730



91.7452, 96.6931, 102.1486



47.4279, 47.9799, 52.1278



20.1036, 21.1860, 22.4150



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.



49.2208, 52.0694, 51.1730



88.4141, 93.6290, 89.9455



49.0016, 52.9363, 51.3519



10.7102, 11.3519, 10.6885



21.7879, 21.8615, 3.0713



0.9906, 1.0431, 0.1491

Inverse Universe

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



45.9341, 47.9990, 57.8832



81.2612, 84.7709, 104.5493



46.1413, 47.1917, 57.7165



9.7125, 10.1163, 12.7256



7.0646, 3.8858, 33.9343



0.3596, 0.2765, 1.4843

Previews

White Background



This preview shows how the XYZ color 49.2194, 52.0671, 51.1719 looks on a white background.

Color Contrast Check

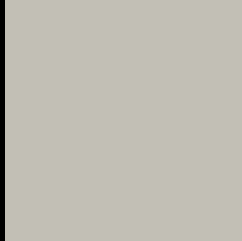
Large Text (above 18pt) WCAG AA × Fail

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 49.2194, 52.0671, 51.1719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

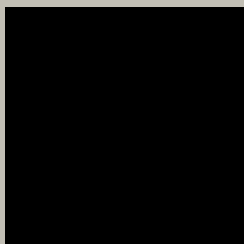
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

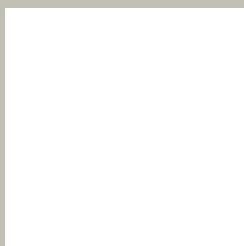
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.2194, 52.0671, 51.1719

Background



This preview shows how black text looks on a background with the XYZ color 49.2194, 52.0671, 51.1719.

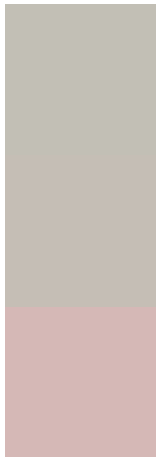


This preview shows how white text looks on a background with the XYZ color 49.2194, 52.0671,

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

49.2194, 52.0671, 51.1719

Protanopia

49.7799, 52.0334, 51.1358

Deuteranopia

53.0246, 51.8045, 51.4605



Tritanopia

51.7887, 52.1486, 63.8360

Trichromacy



Original Color

49.2194, 52.0671, 51.1719

Protanomaly

49.5189, 51.8989, 51.1236

Deuteranomaly

51.6674, 52.0399, 51.5775

Tritanomaly

50.8129, 52.0711, 59.0024

Monochromacy



Original Color

49.2194, 52.0671, 51.1719

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.3387, 52.0559, 54.4611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.2194, 52.0671, 51.1719 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(194, 191, 181)` looks like.

```
.text, #text, p{  
    color:rgb(194, 191, 181)  
}
```

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(194, 191, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 191, 181) }
```

Border

The CSS property to change the border of an element to XYZ 49.2194, 52.0671, 51.1719 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(194, 191, 181) }
```


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

```
.border{ border-color:rgb(194, 191, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 191, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 191, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 191, 181); box-shadow:4px 4px 4px 4px rgb(194, 191, 181) }
```

Background

The CSS property to change the background color of an element to XYZ 49.2194, 52.0671, 51.1719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 191, 181) }
```

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

```
.background{ background-color: rgb(194,  
191, 181) }
```

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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