

Converting Colors

XYZ(48.9285, 52.2419, 51.2240)

Have a look what the booklet for
XYZ(48.9285, 52.2419, 51.2240)
contains.

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Color

**XYZ(48.9284, 52.2419,
51.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C0B5
RGB	192, 192, 181
RGB Percent	75%, 75%, 71%
CMY	0.2471, 0.2470, 0.2902
CMYK	0.00, 0.00, 0.06, 0.25
HSL	60°, 8%, 73%
HSV	60°, 6%, 75%
XYZ	48.9284, 52.2419, 51.2210
YIQ	190.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

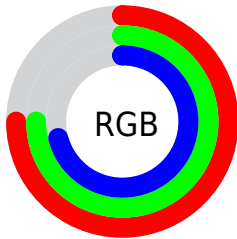
Format	Color
RYB	181, 192, 181
Decimal	12632245
CIELab	77.43, -1.97, 5.53
CIElCh	77, 5.873, 109.621
Yxy	52.2419, 0.3211, 0.3428
Android (android.graphics.Color)	4290822325 (0xFFC0C0B5)
YUV	190.7460, -4.8048, 1.0998
Hunter-Lab	72.2786, -5.6533, 8.5785

Details

The XYZ color **48.9284, 52.2419, 51.2210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.0963, 46.6787, 56.5049**, and the grayscale version is **49.4009, 51.9736, 56.5992**.

A 20% lighter version of the original color is **87.5649, 93.2057, 93.4961**, and **23.7764, 25.5127, 24.0934** is the 20% darker color. If you saturate the color by 10%, you get **47.0917, 51.5087, 41.5500**, and if you desaturate by 10%, it is **51.0396, 53.0882, 62.3244**.

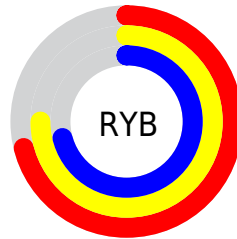
Distribution



Red (75%)

Green (75%)

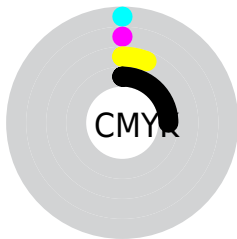
Blue (71%)



Red (71%)

Yellow (75%)

Blue (71%)

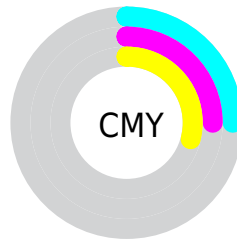


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (25%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9284, 52.2419, 51.2210 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 48.9284, 52.2419, 51.2210 by changing the saturation by 10% instead.

■ 48.9284, 52.2419,
51.2210

■ 48.9284, 52.2419,
51.2210

372.9820,
395.3698, 408.2929

■ 34.7770, 37.1979,
36.0066

■ 87.7865, 93.4879,
93.3962

■ 23.6568, 25.3608,
24.1495

113.2238,
120.4587, 121.1941

■ 15.2026, 16.3460,
15.2314

143.1539,
152.1739, 154.0235

■ 9.0490, 9.7694,
8.8335

177.9420,
189.0179, 192.3030

■ 4.8305, 5.2463,
4.5374

217.9535,
231.3751, 236.4512

■ 2.1819, 2.3925,
1.9246

263.5538,

■ 0.7332, 0.8220,

279.6299, 286.8865

0.5083

315.1082,
334.1666, 344.0275

■ 0.0000, 0.0000,
0.0000

■ 48.9284, 52.2419,
51.2210

■ 48.9284, 52.2419,
51.2210

■ 47.0917, 51.5087,
41.5500

■ 51.0396, 53.0882,
62.3244

■ 45.5141, 50.8775,
33.2497

■ 53.4313, 54.0451,
74.9115

■ 44.1852, 50.3458,
26.2594

■ 56.1148, 55.1186,
89.0355

■ 43.0924, 49.9085,
20.5120

■ 58.6449, 56.1308,
102.3512

■ 42.2218, 49.5601,
15.9349

■ 58.6463, 56.1316,
102.3512

■ 41.5582, 49.2945,
12.4477

■ 58.6477, 56.1323,
102.3513

■ 41.0843, 49.1048,
9.9598

■ 58.6491, 56.1330,
102.3514

■ 40.7803, 48.9831,
8.3665

■ 58.6505, 56.1337,
102.3514

■ 40.6214, 48.9193,
7.5368

■ 58.6519, 56.1345,
102.3515

Harmonies

Analogous

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



50.0468, 52.2419, 50.9794



48.9284, 52.2419, 51.2210



48.0177, 52.2419, 52.9463

Triad

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



48.9284, 52.2419, 51.2210



48.2602, 52.2419, 61.7551



51.8221, 52.2419, 58.0108

Complementary

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



48.9284, 52.2419, 51.2210



45.0963, 46.6787, 56.5049

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.



51.3278, 52.2419, 61.0092



48.9284, 52.2419, 51.2210



49.2640, 52.2419, 63.2247

Square

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



48.9284, 52.2419, 51.2210



47.6360, 52.2419, 58.9975



50.3875, 52.2419, 62.9466



51.7289, 52.2419, 54.8187

Rectangle

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



48.9284, 52.2419, 51.2210



47.6456, 52.2419, 54.7434



50.3875, 52.2419, 62.9466



51.7188, 52.2419, 59.0767

Sweetspot

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



48.9298, 52.2442, 51.2221



90.0090, 95.2009, 99.9394



46.6042, 47.5917, 50.4467



19.3182, 20.4271, 21.4838



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.9298, 52.2442, 51.2221



88.1646, 94.4630, 90.2338



47.5634, 51.5397, 51.1582



10.9937, 11.7905, 11.1802



27.3019, 32.9035, 4.9120



1.1797, 1.4217, 0.2122

Inverse Universe

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



45.0963, 46.6787, 56.5049



79.6236, 82.0633, 102.0035



46.4112, 47.3566, 56.5664



9.8720, 10.1619, 12.7260



6.4028, 2.5612, 33.7135



0.2767, 0.1107, 1.4567

Previews

White Background



This preview shows how the XYZ color 48.9284, 52.2419, 51.2210 looks on a white background.

Color Contrast Check

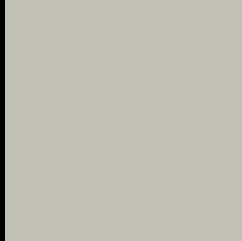
Large Text (above 18pt) WCAG AA × Fail

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 48.9284, 52.2419, 51.2210 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

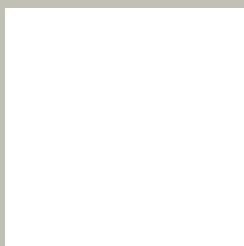
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9284, 52.2419, 51.2210

Background



This preview shows how black text looks on a background with the XYZ color 48.9284, 52.2419, 51.2210.



This preview shows how white text looks on a background with the XYZ color 48.9284, 52.2419,

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

48.9284, 52.2419, 51.2210

Protanopia

49.6776, 51.9925, 50.5973

Deuteranopia

53.2330, 52.2215, 51.5300



Tritanopia

51.6024, 52.3569, 64.5129

Trichromacy



Original Color

48.9284, 52.2419, 51.2210

Protanomaly

49.3747, 52.1590, 50.6454

Deuteranomaly

51.6036, 52.3230, 51.6355

Tritanomaly

50.6254, 52.2818, 59.6477

Monochromacy



Original Color

48.9284, 52.2419, 51.2210

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.0863, 51.9258, 54.4493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9284, 52.2419, 51.2210 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(192, 192, 181)` looks like.

```
.text, #text, p{  
    color:rgb(192, 192, 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(192, 192, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 192, 181) }
```

Border

The CSS property to change the border of an element to XYZ 48.9284, 52.2419, 51.2210 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(192, 192, 181) }
```


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

```
.border{ border-color:rgb(192, 192, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 192, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 192, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 192, 181);  
box-shadow:4px 4px 4px 4px rgb(192, 192,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9284, 52.2419, 51.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 192, 181) }
```

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

```
.background{ background-color: rgb(192,  
192, 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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