

Converting Colors

XYZ(50.8104, 49.6083, 62.1655)

Have a look what the booklet for
XYZ(50.8104, 49.6083, 62.1655)
contains.

XYZ(50.6197, 49.4069, 62.1269)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.6197, 49.4069,
62.1269)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B5C9
RGB	199, 181, 201
RGB Percent	78%, 71%, 79%
CMY	0.2196, 0.2902, 0.2118
CMYK	0.01, 0.10, 0.00, 0.21
HSL	294°, 16%, 75%
HSV	294°, 10%, 79%
XYZ	50.6197, 49.4069, 62.1269
YIQ	188.6620, 4.3080, 10.0360

Conversions

Conversions Part 2

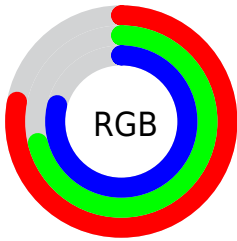
Format	Color
R _Y B	199, 181, 201
Decimal	13088201
CIE Lab	75.70, 10.01, -7.77
CIE LCh	76, 12.676, 322.176
Yxy	49.4069, 0.3122, 0.3047
Android (android.graphics.Color)	4291278281 (0xFFC7B5C9)
YUV	188.6620, 6.0826, 9.0664
Hunter-Lab	70.2900, 5.5400, -3.2013

Details

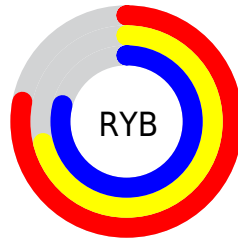
The XYZ color **50.6197, 49.4069, 62.1269** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7574, 55.1781, 51.7992**, and the grayscale version is **48.1426, 50.6498, 55.1576**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **24.6627, 23.5647, 30.8523** is the 20% darker color. If you saturate the color by 10%, you get **46.2946, 41.5426, 60.8376**, and if you desaturate by 10%, it is **55.5443, 58.4583, 63.6152**.

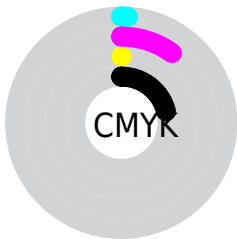
Distribution



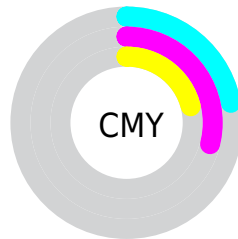
- Red (78%)
- Green (71%)
- Blue (79%)



- Red (78%)
- Yellow (71%)
- Blue (79%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)



- Cyan (22%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6197, 49.4069, 62.1269 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 50.6197, 49.4069, 62.1269 by changing the saturation by 10% instead.

■ 50.6197, 49.4069,
62.1269

■ 50.6197, 49.4069,
62.1269

379.4965,
384.3420, 450.4143

■ 36.1259, 34.9424,
44.6988

■ 90.2787, 89.2955,
109.4823

■ 24.7020, 23.6185,
30.8790

116.1746,
115.4883, 140.2467

■ 15.9827, 15.0509,
20.2491

146.6019,
146.3594, 176.2935

■ 9.6027, 8.8551,
12.3903

181.9259,
182.2931, 218.0414

■ 5.1966, 4.6468,
6.8843

222.5120,
223.6738, 265.9089

■ 2.3990, 2.0415,
3.3125

268.7256,

■ 0.8446, 0.6314,

270.8859, 320.3145

1.2563

320.9319,
324.3139, 381.6768

■ 0.0000, 0.0000,
0.0256

■ 0.0000, 0.0000,
0.0000

■ 50.6197, 49.4069,
62.1269

■ 50.6197, 49.4069,
62.1269

■ 46.2946, 41.5426,
60.8376

■ 55.5443, 58.4583,
63.6152

■ 42.5397, 34.8088,
59.7358

■ 61.0878, 68.7378,
65.3071

■ 39.3292, 29.1537,
58.8135

■ 67.2740, 80.2920,
67.2113

■ 36.6342, 24.5191,
58.0609

■ 72.0466, 89.0085,
68.6422

■ 34.4226, 20.8411,
57.4676

■ 72.6120, 89.3000,
68.6687

■ 32.6589, 18.0486,
57.0215

■ 73.1845, 89.5951,
68.6955

■ 31.3027, 16.0609,
56.7093

■ 73.7643, 89.8940,
68.7226

■ 30.3061, 14.7822,
56.5150

■ 74.3512, 90.1966,
68.7501

■ 29.5790, 14.0323,
56.4086

■ 74.9455, 90.5030,
68.7779

Harmonies

Analogous

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



48.6859, 49.4069, 66.6893



50.6197, 49.4069, 62.1269



51.5794, 49.4069, 55.5763

Triad

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



50.6197, 49.4069, 62.1269



47.5775, 49.4069, 41.9682



42.8990, 49.4069, 58.8290

Complementary

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



50.6197, 49.4069, 62.1269



48.7574, 55.1781, 51.7992

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.



42.6246, 49.4069, 52.0536



50.6197, 49.4069, 62.1269



45.2750, 49.4069, 42.6813

Square

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



50.6197, 49.4069, 62.1269



49.7852, 49.4069, 44.2087



43.4807, 49.4069, 46.2448



44.2433, 49.4069, 64.6773

Rectangle

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



50.6197, 49.4069, 62.1269



51.5160, 49.4069, 51.1124



43.4807, 49.4069, 46.2448



42.6804, 49.4069, 56.5713

Sweetspot

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



50.6211, 49.4090, 62.1280



92.3770, 95.0710, 108.0895



46.6031, 48.0478, 62.0770



19.6231, 20.0741, 23.0904



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.



50.6211, 49.4090, 62.1280



84.9364, 81.4308, 105.8488



50.2757, 49.3325, 57.5210



10.9746, 10.7607, 13.4161



18.6398, 8.8434, 35.4689



0.9136, 0.4347, 1.6809

Inverse Universe

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



49.1602, 48.8864, 51.6471



81.9320, 80.3581, 84.1988



49.0936, 55.2580, 56.0348



10.6762, 10.6539, 11.2784



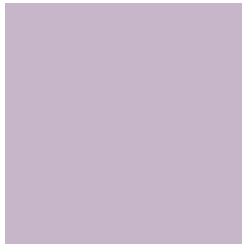
15.2412, 7.8460, 1.2140



0.7367, 0.3775, 0.1366

Previews

White Background



This preview shows how the XYZ color 50.6197, 49.4069, 62.1269 looks on a white background.

Color Contrast Check

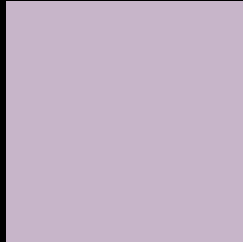
Large Text (above 18pt) WCAG AA × Fail

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 50.6197, 49.4069, 62.1269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

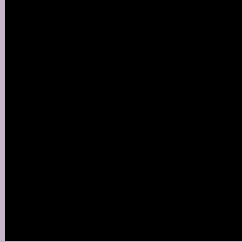
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.6197, 49.4069, 62.1269

Background



This preview shows how black text looks on a background with the XYZ color 50.6197, 49.4069, 62.1269.



This preview shows how white text looks on a background with the XYZ color 50.6197, 49.4069,

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

50.6197, 49.4069, 62.1269

Protanopia

48.2556, 49.3718, 64.1131

Deuteranopia

50.3552, 49.2706, 62.1145



Tritanopia

49.9805, 49.4472, 59.1346

Trichromacy



Original Color

50.6197, 49.4069, 62.1269

Protanomaly

49.1552, 49.5399, 63.4713

Deuteranomaly

50.3552, 49.2706, 62.1145

Tritanomaly

50.2097, 49.5389, 60.3417

Monochromacy



Original Color

50.6197, 49.4069, 62.1269

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.1769, 50.3055, 57.5701

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6197, 49.4069, 62.1269 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(199, 181, 201)` looks like.

```
.text, #text, p{  
    color:rgb(199, 181, 201)  
}
```

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(199, 181, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 181, 201) }
```

Border

The CSS property to change the border of an element to XYZ 50.6197, 49.4069, 62.1269 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(199, 181, 201) }
```


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

```
.border{ border-color:rgb(199, 181, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 181, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 181, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 181, 201);  
box-shadow:4px 4px 4px 4px rgb(199, 181,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6197, 49.4069, 62.1269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 181, 201) }
```

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

```
.background{ background-color: rgb(199,  
181, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor