

Converting Colors

XYZ(49.4118, 52.1484, 57.3318)

Have a look what the booklet for
XYZ(49.4118, 52.1484, 57.3318)
contains.

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Color

**XYZ(49.3804, 52.0145,
57.3064)**

Conversions

Conversions Part 1

Format	Color
Hex	BEBFC0
RGB	190, 191, 192
RGB Percent	75%, 75%, 75%
CMY	0.2549, 0.2510, 0.2471
CMYK	0.01, 0.01, 0.00, 0.25
HSL	210°, 2%, 75%
HSV	210°, 1%, 75%
XYZ	49.3804, 52.0145, 57.3064
YIQ	190.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

Format	Color
RYB	190, 191, 192
Decimal	12500928
CIELab	77.29, -0.16, -0.63
CIELCh	77, 0.652, 256.088
Yxy	52.0145, 0.3112, 0.3278
Android (android.graphics.Color)	4290691008 (0xFFBEBFC0)
YUV	190.8150, 0.5842, -0.7148
Hunter-Lab	72.1211, -3.9952, 3.3738

Details

The XYZ color **49.3804, 52.0145, 57.3064** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6634, 52.1851, 56.1711**, and the grayscale version is **49.4124, 51.9857, 56.6124**.

A 20% lighter version of the original color is **88.2101, 92.8917, 102.0877**, and **24.0652, 25.3594, 28.0526** is the 20% darker color. If you saturate the color by 10%, you get **42.8785, 45.6668, 56.4246**, and if you desaturate by 10%, it is **56.6534, 58.9651, 58.2655**.

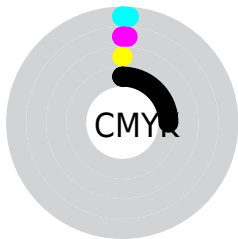
Distribution



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



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



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3804, 52.0145, 57.3064 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 49.3804, 52.0145, 57.3064 by changing the saturation by 10% instead.

■ 49.3804, 52.0145,
57.3064

■ 49.3804, 52.0145,
57.3064

374.7301,
394.4926, 432.1223

■ 35.1371, 37.0166,
40.8403

■ 88.4535, 93.1526,
102.4169

■ 23.9355, 25.2204,
27.8756

114.0140,
120.0617, 131.8984

■ 15.4103, 16.2413,
17.9936

144.0777,
151.7099, 166.5554

■ 9.1960, 9.6951,
10.7760

179.0098,
188.4817, 206.8064

■ 4.9274, 5.1973,
5.8042

219.1757,
230.7615, 253.0701

■ 2.2390, 2.3635,
2.6595

264.9409,

■ 0.7632, 0.8070,

278.9336, 305.7650

0.9229

316.6705,
333.3825, 365.3095

■ 0.0000, 0.0000,
0.0000

■ 49.3804, 52.0145,
57.3064

■ 49.3804, 52.0145,
57.3064

■ 42.8785, 45.6668,
56.4246

■ 56.6534, 58.9651,
58.2655

■ 37.1162, 39.8974,
55.6147

■ 64.7186, 66.5288,
59.3003

■ 32.0661, 34.6898,
54.8757

■ 73.6021, 74.7241,
60.4139

■ 27.6976, 30.0241,
54.2054

■ 78.8512, 81.2590,
61.3987

■ 23.9774, 25.8790,
53.6014

■ 81.5765, 86.7097,
62.3071

■ 20.8696, 22.2315,
53.0612

■ 84.4501, 92.4569,
63.2650

■ 18.3339, 19.0565,
52.5820

■ 86.5146, 96.5858,
63.9531

■ 16.3250, 16.3258,
52.1608

■ 14.7894, 14.0070,
51.7941

Harmonies

Analogous

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



49.2715, 52.0145, 57.1328



49.3804, 52.0145, 57.3064



49.5049, 52.0145, 57.2996

Triad

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



49.3804, 52.0145, 57.3064



49.6697, 52.0145, 56.4442



49.2651, 52.0145, 56.1584

Complementary

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



49.3804, 52.0145, 57.3064



49.6634, 52.1851, 56.1711

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.



49.3716, 52.0145, 55.9755



49.3804, 52.0145, 57.3064



49.6053, 52.0145, 56.1400

Square

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



49.3804, 52.0145, 57.3064



49.6721, 52.0145, 56.8008



49.4961, 52.0145, 55.9688



49.2051, 52.0145, 56.4694

Rectangle

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



49.3804, 52.0145, 57.3064



49.5801, 52.0145, 57.1936



49.4961, 52.0145, 55.9688



49.2966, 52.0145, 56.0800

Sweetspot

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



49.3819, 52.0167, 57.3075



90.7827, 95.5105, 104.0109



49.4859, 52.4074, 56.7792



19.4759, 20.4902, 22.3138



92.9021, 97.7402, 106.4391

Same Dimension

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



49.3819, 52.0167, 57.3075



89.5080, 94.2810, 103.8408



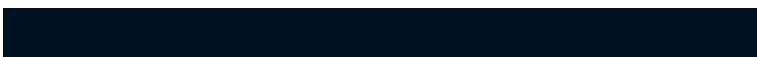
49.1710, 51.5950, 57.2372



11.1906, 11.7863, 12.9700



9.3141, 8.3847, 34.6841



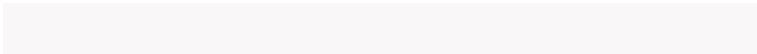
0.4714, 0.5001, 1.5216

Inverse Universe

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



49.5568, 51.7959, 56.6785



89.8171, 93.8906, 102.7292



49.8756, 52.6097, 56.2418



11.2263, 11.7413, 12.8419



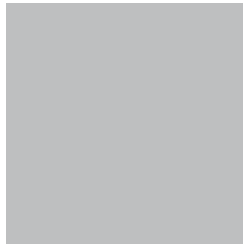
16.0973, 8.1287, 8.4244



0.7303, 0.3651, 0.5472

Previews

White Background



This preview shows how the XYZ color 49.3804, 52.0145, 57.3064 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 49.3804, 52.0145, 57.3064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

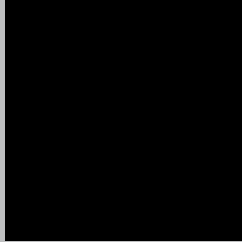
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

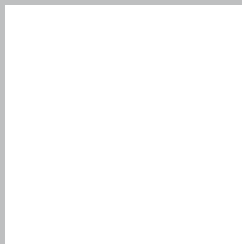
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.3804, 52.0145, 57.3064

Background



This preview shows how black text looks on a background with the XYZ color 49.3804, 52.0145, 57.3064.

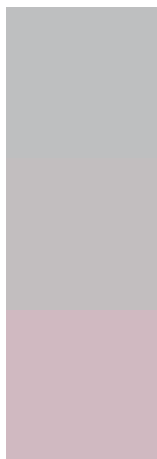


This preview shows how white text looks on a background with the XYZ color 49.3804, 52.0145,

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

49.3804, 52.0145, 57.3064

Protanopia

50.0656, 52.0578, 56.6996

Deuteranopia

52.9870, 51.9581, 57.6883



Tritanopia

50.8349, 51.9613, 64.4770

Trichromacy



Original Color

49.3804, 52.0145, 57.3064

Protanomaly

49.8097, 51.9260, 56.6877

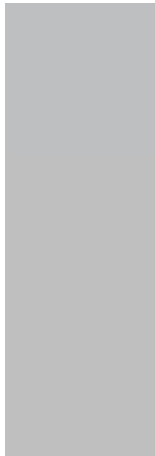
Deuteranomaly

51.4834, 51.8084, 57.7386

Tritanomaly

50.3246, 52.0734, 62.0424

Monochromacy



Original Color

49.3804, 52.0145, 57.3064

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.5206, 52.0996, 56.7364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3804, 52.0145, 57.3064 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(190, 191, 192) looks like.

```
.text, #text, p{  
    color:rgb(190, 191, 192)  
}
```

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(190, 191, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 191, 192) }
```

Border

The CSS property to change the border of an element to XYZ 49.3804, 52.0145, 57.3064 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(190, 191, 192) }
```

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

```
.border{ border-color:rgb(190, 191, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 191, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 191, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 191, 192);  
box-shadow:4px 4px 4px 4px rgb(190, 191,  
192) }
```


Background

The CSS property to change the background color of an element to XYZ 49.3804, 52.0145, 57.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 191, 192) }
```

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

```
.background{ background-color: rgb(190,  
191, 192) }
```

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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