

Converting Colors

XYZ(46.7196, 51.0634, 57.6880)

Have a look what the booklet for
XYZ(46.7196, 51.0634, 57.6880)
contains.

XYZ(46.6067, 50.8966, 57.8197)	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(46.6067, 50.8966,
57.8197)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C0C1
RGB	177, 192, 193
RGB Percent	69%, 75%, 76%
CMY	0.3059, 0.2470, 0.2431
CMYK	0.08, 0.01, 0.00, 0.24
HSL	184°, 11%, 73%
HSV	184°, 8%, 76%
XYZ	46.6067, 50.8966, 57.8197
YIQ	187.6290, -9.2610, -2.8690

Conversions

Conversions Part 2

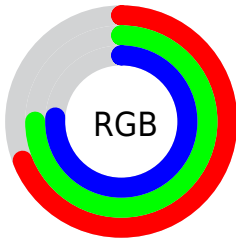
Format	Color
RYB	177, 185, 193
Decimal	11649217
CIELab	76.62, -4.93, -2.27
CIElCh	77, 5.426, 204.782
Yxy	50.8966, 0.3001, 0.3277
Android (android.graphics.Color)	4289839297 (0xFFB1C0C1)
YUV	187.6290, 2.6479, -9.3216
Hunter-Lab	71.3419, -8.2365, 1.8871

Details

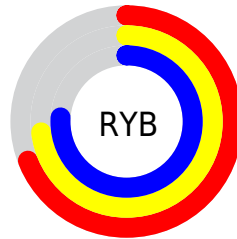
The XYZ color **46.6067, 50.8966, 57.8197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8487, 46.3523, 48.1261**, and the grayscale version is **47.5800, 50.0578, 54.5130**.

A 20% lighter version of the original color is **84.2706, 91.2980, 102.8033**, and **22.2784, 24.6438, 28.3935** is the 20% darker color. If you saturate the color by 10%, you get **42.2552, 48.2642, 57.5417**, and if you desaturate by 10%, it is **51.5851, 53.8581, 58.1297**.

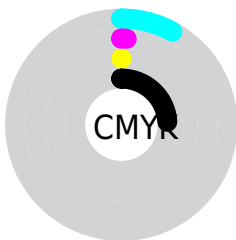
Distribution



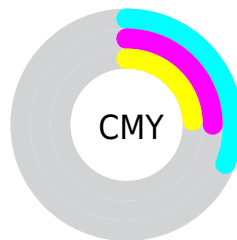
- Red (69%)
- Green (75%)
- Blue (76%)



- Red (69%)
- Yellow (73%)
- Blue (76%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6067, 50.8966, 57.8197 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 46.6067, 50.8966, 57.8197 by changing the saturation by 10% instead.

■ 46.6067, 50.8966,
57.8197

■ 46.6067, 50.8966,
57.8197

363.9176,
390.1619, 434.0932

■ 32.9315, 36.1263,
41.2500

■ 84.3486, 91.5019,
103.1724

■ 22.2329, 24.5318,
28.1933

109.1459,
118.1057, 132.7925

■ 14.1457, 15.7286,
18.2311

138.3814,
149.4229, 167.5998

■ 8.3045, 9.3323,
10.9449

172.4203,
185.8377, 208.0129

■ 4.3438, 4.9585,
5.9161

211.6281,
227.7346, 254.4502

■ 1.8984, 2.2230,
2.7262

256.3699,

■ 0.5759, 0.7325,

275.4980, 307.3303

0.9566

307.0113,
329.5123, 367.0718

■ 0.0000, 0.0000,
0.0000

■ 46.6067, 50.8966,
57.8197

■ 46.6067, 50.8966,
57.8197

■ 42.2552, 48.2642,
57.5417

■ 51.5851, 53.8581,
58.1297

■ 38.5002, 45.9411,
57.2913

■ 57.2103, 57.1549,
58.4696

■ 35.3153, 43.9152,
57.0681

■ 63.5070, 60.8011,
58.8415

■ 32.6706, 42.1709,
56.8708

■ 70.4972, 64.8081,
59.2465

■ 30.5333, 40.6913,
56.6978

■ 71.0641, 65.5069,
59.3515

■ 28.8671, 39.4578,
56.5476

■ 71.3401, 66.0590,
59.4435

■ 27.6309, 38.4491,
56.4180

■ 71.6184, 66.6155,
59.5363

■ 26.7763, 37.6403,
56.3069

■ 71.8989, 67.1765,
59.6298

■ 26.2274, 36.9922,
56.2108

■ 72.1815, 67.7418,
59.7240

Harmonies

Analogous

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



46.4377, 50.8966, 54.9055



46.6067, 50.8966, 57.8197



47.2470, 50.8966, 60.1625

Triad

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



46.6067, 50.8966, 57.8197



50.0052, 50.8966, 58.7401



48.5553, 50.8966, 49.9799

Complementary

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



46.6067, 50.8966, 57.8197



45.8487, 46.3523, 48.1261

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.



49.5223, 50.8966, 50.9292



46.6067, 50.8966, 57.8197



50.3669, 50.8966, 55.9332

Square

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



46.6067, 50.8966, 57.8197



49.2073, 50.8966, 60.7069



50.1889, 50.8966, 53.0833



47.5535, 50.8966, 50.4451

Rectangle

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



46.6067, 50.8966, 57.8197



47.8597, 50.8966, 61.0499



50.1889, 50.8966, 53.0833



48.8954, 50.8966, 50.1431

Sweetspot

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



46.6082, 50.8987, 57.8208



88.9195, 94.4065, 103.8960



45.2180, 50.6942, 49.4167



19.0961, 20.2652, 22.2904



92.9021, 97.7402, 106.4391



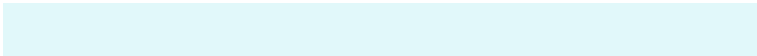
19.4759, 20.4902, 22.3138

Same Dimension

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



46.6082, 50.8987, 57.8208



81.9357, 90.2346, 103.4588



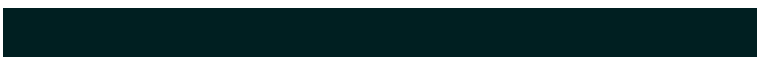
44.9400, 47.5623, 57.2648



10.3131, 11.3174, 12.9258



17.4106, 24.5777, 37.3830



0.7688, 1.0950, 1.6207

Inverse Universe

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



47.2300, 46.5885, 56.3748



83.2859, 80.9059, 100.3126



47.4457, 49.5462, 48.6584



10.4693, 10.2363, 12.5620



20.1841, 9.7634, 29.9450



0.8804, 0.4252, 1.3378

Previews

White Background



This preview shows how the XYZ color 46.6067, 50.8966, 57.8197 looks on a white background.

Color Contrast Check

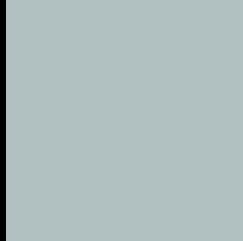
Large Text (above 18pt) WCAG AA × Fail

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 46.6067, 50.8966, 57.8197 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

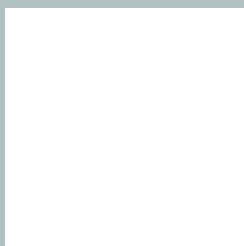
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.6067, 50.8966, 57.8197

Background



This preview shows how black text looks on a background with the XYZ color 46.6067, 50.8966, 57.8197.

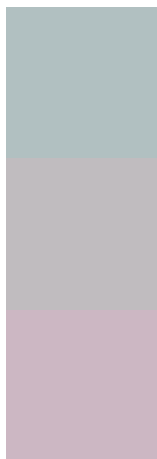


This preview shows how white text looks on a background with the XYZ color 46.6067, 50.8966,

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

46.6067, 50.8966, 57.8197

Protanopia

49.1254, 50.9345, 56.5324

Deuteranopia

51.6857, 50.6445, 58.6810



Tritanopia

48.0233, 50.8184, 65.0354

Trichromacy



Original Color

46.6067, 50.8966, 57.8197

Protanomaly

48.2055, 50.7658, 57.1272

Deuteranomaly

49.5446, 50.4822, 58.1717

Tritanomaly

47.5335, 50.9436, 62.5862

Monochromacy



Original Color

46.6067, 50.8966, 57.8197

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.2590, 50.3032, 55.9339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6067, 50.8966, 57.8197 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(177, 192, 193)` looks like.

```
.text, #text, p{  
    color:rgb(177, 192, 193)  
}
```

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(177, 192, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 192, 193) }
```

Border

The CSS property to change the border of an element to XYZ 46.6067, 50.8966, 57.8197 is called "border". The border property can be set on classes, ids or directly on the HTML element.

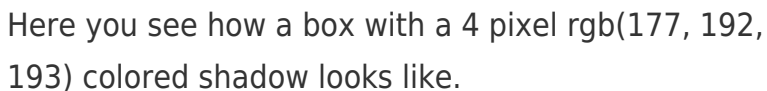
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 192, 193) }
```


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

```
.border{ border-color:rgb(177, 192, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 192, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(177, 192,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6067, 50.8966, 57.8197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 192, 193) }
```

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

```
.background{ background-color: rgb(177,  
192, 193) }
```

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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