

Converting Colors

XYZ(47.3831, 51.5140, 57.1767)

Have a look what the booklet for
XYZ(47.3831, 51.5140, 57.1767)
contains.

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Color

**XYZ(47.4068, 51.6490,
57.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C1C0
RGB	180, 193, 192
RGB Percent	71%, 76%, 75%
CMY	0.2941, 0.2431, 0.2471
CMYK	0.07, 0.00, 0.01, 0.24
HSL	175°, 9%, 73%
HSV	175°, 7%, 76%
XYZ	47.4068, 51.6490, 57.3398
YIQ	188.9990, -7.4270, -3.0670

Conversions

Conversions Part 2

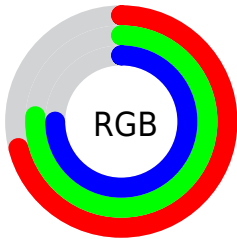
Format	Color
R _Y B	180, 187, 193
Decimal	11846080
CIE Lab	77.07, -4.64, -1.04
CIE LCh	77, 4.756, 192.657
Yxy	51.6490, 0.3031, 0.3302
Android (android.graphics.Color)	4290036160 (0xFFB4C1C0)
YUV	188.9990, 1.4795, -7.8921
Hunter-Lab	71.8672, -8.0212, 3.0021

Details

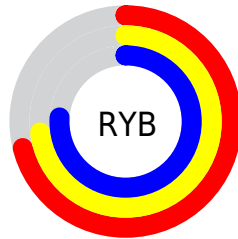
The XYZ color **47.4068, 51.6490, 57.3398** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6560, 47.3176, 50.3927**, and the grayscale version is **48.3653, 50.8840, 55.4127**.

A 20% lighter version of the original color is **85.4110, 92.3615, 102.1329**, and **22.7907, 25.1323, 28.0759** is the 20% darker color. If you saturate the color by 10%, you get **43.0591, 49.4281, 56.2805**, and if you desaturate by 10%, it is **52.3848, 54.1975, 58.4394**.

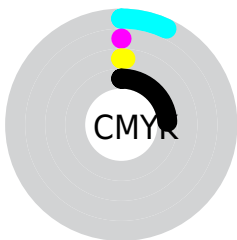
Distribution



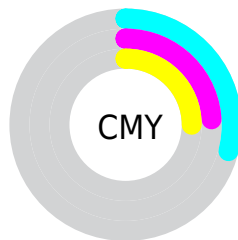
- Red (71%)
- Green (76%)
- Blue (75%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4068, 51.6490, 57.3398 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 47.4068, 51.6490, 57.3398 by changing the saturation by 10% instead.

■ 47.4068, 51.6490,
57.3398

■ 47.4068, 51.6490,
57.3398

367.0578,
393.0801, 432.2507

■ 33.5667, 36.7254,
40.8669

■ 85.5356, 92.6134,
102.4661

■ 22.7222, 24.9949,
27.8962

110.5549,
119.4229, 131.9566

■ 14.5081, 16.0733,
18.0091

140.0314,
150.9632, 166.6234

■ 8.5589, 9.5760,
10.7870

174.3303,
187.6187, 206.8850

■ 4.5094, 5.1188,
5.8114

213.8171,
229.7737, 253.1600

■ 1.9942, 2.3171,
2.6638

258.8570,

■ 0.6307, 0.7827,

277.8127, 305.8670

0.9251

309.8155,
332.1200, 365.4243

■ 0.0000, 0.0000,
0.0000

■ 47.4068, 51.6490,
57.3398

■ 47.4068, 51.6490,
57.3398

■ 43.0591, 49.4281,
56.2805

■ 52.3848, 54.1975,
58.4394

■ 39.3116, 47.5149,
55.2569

■ 58.0128, 57.0795,
59.5772

■ 36.1382, 45.8976,
54.2689

■ 64.3154, 60.3091,
60.7552

■ 33.5093, 44.5607,
53.3149

■ 70.4990, 63.4771,
61.9365

■ 31.3927, 43.4878,
52.3936

■ 70.6716, 63.5461,
62.8453

■ 29.7526, 42.6603,
51.5031

■ 70.8458, 63.6158,
63.7630

■ 28.5487, 42.0575,
50.6416

■ 71.0218, 63.6862,
64.6897

■ 27.7342, 41.6552,
49.8069

■ 71.1995, 63.7573,
65.6253

■ 27.2462, 41.4211,
48.9959

■ 71.3789, 63.8290,
66.5699

Harmonies

Analogous

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



47.4429, 51.6490, 54.7594



47.4068, 51.6490, 57.3398



47.8179, 51.6490, 59.6940

Triad

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



47.4068, 51.6490, 57.3398



50.2835, 51.6490, 59.9953



49.6132, 51.6490, 51.5974

Complementary

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



47.4068, 51.6490, 57.3398



46.6560, 47.3176, 50.3927

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.



50.3862, 51.6490, 52.9161



47.4068, 51.6490, 57.3398



50.7765, 51.6490, 57.7409

Square

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



47.4068, 51.6490, 57.3398



49.4744, 51.6490, 61.2586



50.8143, 51.6490, 55.1484



48.7092, 51.6490, 51.4976

Rectangle

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



47.4068, 51.6490, 57.3398



48.2932, 51.6490, 60.7969



50.8143, 51.6490, 55.1484



49.8972, 51.6490, 51.9110

Sweetspot

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



47.4083, 51.6512, 57.3409



88.9558, 94.5756, 103.6103



46.3853, 51.2713, 50.6325



19.1035, 20.2996, 22.2322



92.9021, 97.7402, 106.4391



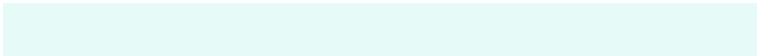
19.4759, 20.4902, 22.3138

Same Dimension

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



47.4083, 51.6512, 57.3409



83.7570, 91.9164, 102.4254



46.3439, 49.3440, 57.5364



10.3339, 11.4146, 12.7618



18.0495, 27.5139, 32.4833



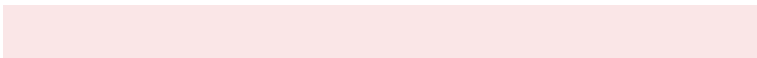
0.7900, 1.1929, 1.4570

Inverse Universe

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



46.6560, 47.3176, 50.3927



82.1472, 82.6430, 87.5572



47.6687, 49.5071, 50.2243



10.1040, 10.0902, 10.6384



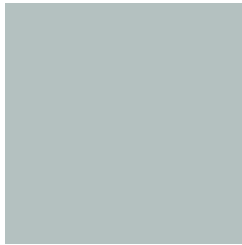
14.6963, 7.5683, 1.0468



0.6460, 0.3314, 0.1034

Previews

White Background



This preview shows how the XYZ color 47.4068, 51.6490, 57.3398 looks on a white background.

Color Contrast Check

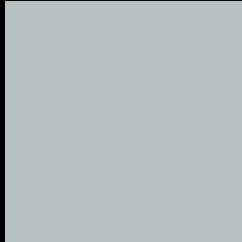
Large Text (above 18pt) WCAG AA × Fail

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 47.4068, 51.6490, 57.3398 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

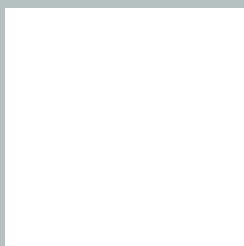
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4068, 51.6490, 57.3398

Background



This preview shows how black text looks on a background with the XYZ color 47.4068, 51.6490, 57.3398.



This preview shows how white text looks on a background with the XYZ color 47.4068, 51.6490,

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

47.4068, 51.6490, 57.3398

Protanopia

49.4842, 51.4504, 56.0380

Deuteranopia

52.6102, 51.4414, 58.1953



Tritanopia

49.0628, 51.6629, 65.7786

Trichromacy



Original Color

47.4068, 51.6490, 57.3398

Protanomaly

48.5565, 51.2799, 56.6290

Deuteranomaly

50.4219, 51.2612, 57.6890

Tritanomaly

48.4483, 51.7401, 62.6917

Monochromacy



Original Color

47.4068, 51.6490, 57.3398

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.9574, 50.9837, 56.0284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4068, 51.6490, 57.3398 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(180, 193, 192) looks like.

```
.text, #text, p{  
    color:rgb(180, 193, 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(180, 193, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 193, 192) }
```

Border

The CSS property to change the border of an element to XYZ 47.4068, 51.6490, 57.3398 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(180, 193, 192) }
```


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

```
.border{ border-color:rgb(180, 193, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 193, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 193, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 193, 192);  
box-shadow:4px 4px 4px 4px rgb(180, 193,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4068, 51.6490, 57.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 193, 192) }
```

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

```
.background{ background-color: rgb(180,  
193, 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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