

Converting Colors

XYZ(47.4517, 51.0380, 59.0283)

Have a look what the booklet for
XYZ(47.4517, 51.0380, 59.0283)
contains.

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Color

**XYZ(47.3035, 50.9050,
58.9623)**

Conversions

Conversions Part 1

Format	Color
Hex	B4BFC3
RGB	180, 191, 195
RGB Percent	71%, 75%, 76%
CMY	0.2941, 0.2510, 0.2353
CMYK	0.08, 0.02, 0.00, 0.24
HSL	196°, 11%, 74%
HSV	196°, 8%, 76%
XYZ	47.3035, 50.9050, 58.9623
YIQ	188.1670, -7.8400, -1.0880

Conversions

Conversions Part 2

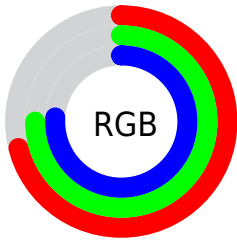
Format	Color
R_{YB}	180, 186, 195
Decimal	11845571
CIE Lab	76.62, -2.99, -3.33
CIE LCh	77, 4.474, 228.010
Yxy	50.9050, 0.3010, 0.3239
Android (android.graphics.Color)	4290035651 (0xFFB4BFC3)
YUV	188.1670, 3.3687, -7.1625
Hunter-Lab	71.3477, -6.5132, 0.9457

Details

The XYZ color **47.3035, 50.9050, 58.9623** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8846, 49.1781, 50.1493**, and the grayscale version is **47.8807, 50.3742, 54.8575**.

A 20% lighter version of the original color is **85.4235, 91.3827, 105.2318**, and **22.6486, 24.6121, 28.7562** is the 20% darker color. If you saturate the color by 10%, you get **41.9666, 46.5025, 58.3946**, and if you desaturate by 10%, it is **53.3222, 55.7215, 59.5755**.

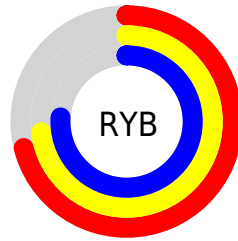
Distribution



Red (71%)

Green (75%)

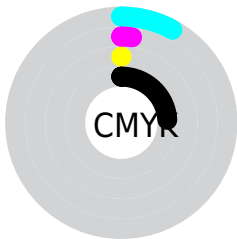
Blue (76%)



Red (71%)

Yellow (73%)

Blue (76%)

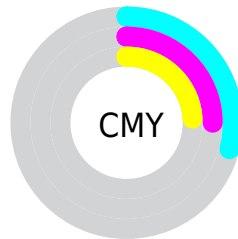


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.3035, 50.9050, 58.9623 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 47.3035, 50.9050, 58.9623 by changing the saturation by 10% instead.

■ 47.3035, 50.9050,
58.9623

■ 47.3035, 50.9050,
58.9623

366.6534,
390.1946, 438.4602

■ 33.4846, 36.1330,
42.1630

■ 85.3825, 91.5143,
104.8515

■ 22.6589, 24.5369,
28.9024

110.3732,
118.1205, 134.7783

■ 14.4612, 15.7324,
18.7620

139.8187,
149.4401, 169.9182

■ 8.5260, 9.3350,
11.3234

174.0842,
185.8576, 210.6895

■ 4.4879, 4.9603,
6.1679

213.5350,
227.7574, 257.5108

■ 1.9817, 2.2240,
2.8770

258.5366,

■ 0.6237, 0.7330,

275.5239, 310.8006

1.0322

309.4543,
329.5415, 370.9776

■ 0.0000, 0.0000,
0.0000

■ 47.3035, 50.9050,
58.9623

■ 47.3035, 50.9050,
58.9623

■ 41.9666, 46.5025,
58.3946

■ 53.3222, 55.7215,
59.5755

■ 37.2802, 42.4930,
57.8677

■ 60.0438, 60.9592,
60.2322

■ 33.2170, 38.8633,
57.3812

■ 67.4936, 66.6332,
60.9348

■ 29.7459, 35.5966,
56.9337

■ 74.5814, 72.1821,
61.6323

■ 26.8331, 32.6750,
56.5233

■ 75.8997, 74.8187,
62.0717

■ 24.4411, 30.0784,
56.1481

■ 77.2602, 77.5397,
62.5252

■ 22.5277, 27.7844,
55.8062

■ 78.6633, 80.3457,
62.9929

■ 21.0434, 25.7667,
55.4950

■ 80.1092, 83.2377,
63.4749

■ 19.9161, 23.9877,
55.2110

■ 81.5985, 86.2162,
63.9713

Harmonies

Analogous

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



46.8530, 50.9050, 56.8798



47.3035, 50.9050, 58.9623



48.0465, 50.9050, 60.1102

Triad

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



47.3035, 50.9050, 58.9623



49.9925, 50.9050, 56.4004



47.8825, 50.9050, 51.1132

Complementary

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



47.3035, 50.9050, 58.9623



47.8846, 49.1781, 50.1493

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.



48.7224, 50.9050, 50.9934



47.3035, 50.9050, 58.9623



49.9473, 50.9050, 53.9989

Square

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



47.3035, 50.9050, 58.9623



49.6029, 50.9050, 58.6025



49.4802, 50.9050, 52.0357



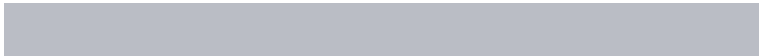
47.1846, 50.9050, 52.3681

Rectangle

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



47.3035, 50.9050, 58.9623



48.6107, 50.9050, 60.1696



49.4802, 50.9050, 52.0357



48.1574, 50.9050, 50.9402

Sweetspot

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



47.3050, 50.9071, 58.9634



90.6713, 95.9637, 106.2137



46.9639, 52.1846, 52.8083



19.8798, 21.0340, 23.2621



0.0000, 0.0000, 0.0000



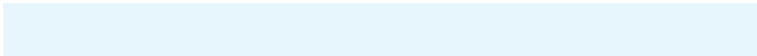
20.3446, 21.4041, 23.3091

Same Dimension

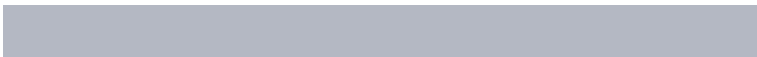
The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.3050, 50.9071, 58.9634



83.2647, 89.9875, 105.4506



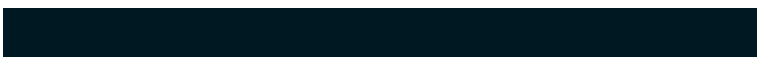
45.7621, 47.8215, 58.4491



10.1342, 10.9596, 12.8661



12.8619, 15.4802, 35.8667



0.6098, 0.7770, 1.5677

Inverse Universe

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



48.2320, 48.0072, 56.0169



85.2250, 83.9009, 99.2101



49.4301, 52.2690, 50.6645



10.3790, 10.2002, 12.0864



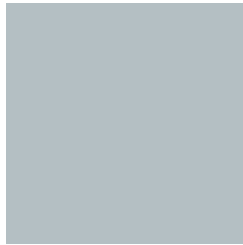
17.8880, 8.8450, 17.8543



0.8002, 0.3931, 0.9152

Previews

White Background



This preview shows how the XYZ color 47.3035, 50.9050, 58.9623 looks on a white background.

Color Contrast Check

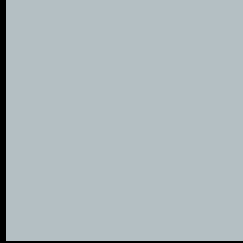
Large Text (above 18pt) WCAG AA × Fail

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 47.3035, 50.9050, 58.9623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

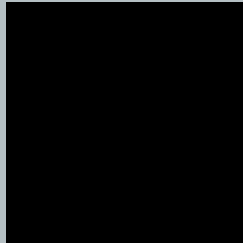
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

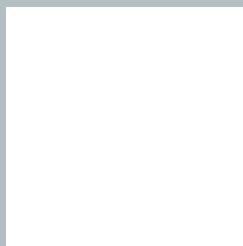
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.3035, 50.9050, 58.9623

Background



This preview shows how black text looks on a background with the XYZ color 47.3035, 50.9050, 58.9623.



This preview shows how white text looks on a background with the XYZ color 47.3035, 50.9050,

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

47.3035, 50.9050, 58.9623

Protanopia

49.0947, 50.8931, 57.6879

Deuteranopia

51.9134, 50.7356, 59.8801



Tritanopia

48.7243, 51.1798, 65.0682

Trichromacy



Original Color

47.3035, 50.9050, 58.9623

Protanomaly

48.4287, 50.8550, 58.3025

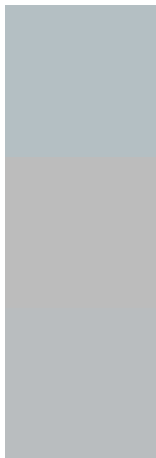
Deuteranomaly

50.0284, 50.7054, 59.3749

Tritanomaly

48.0121, 50.8677, 62.5463

Monochromacy



Original Color

47.3035, 50.9050, 58.9623

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.6091, 50.4711, 56.5228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3035, 50.9050, 58.9623 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, 191, 195)` looks like.

```
.text, #text, p{  
    color:rgb(180, 191, 195)  
}
```

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, 191, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 191, 195) }
```

Border

The CSS property to change the border of an element to XYZ 47.3035, 50.9050, 58.9623 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, 191, 195) }
```


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

```
.border{ border-color:rgb(180, 191, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 191, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 191, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 191, 195);  
box-shadow:4px 4px 4px 4px rgb(180, 191,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3035, 50.9050, 58.9623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 191, 195) }
```

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

```
.background{ background-color: rgb(180,  
191, 195) }
```

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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