

Converting Colors

XYZ(46.8415, 50.9181, 58.1655)

Have a look what the booklet for
XYZ(46.8415, 50.9181, 58.1655)
contains.

XYZ(46.9473, 51.0593, 58.4200)	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(46.9473, 51.0593,
58.4200)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C0C2
RGB	178, 192, 194
RGB Percent	70%, 75%, 76%
CMY	0.3020, 0.2470, 0.2392
CMYK	0.08, 0.01, 0.00, 0.24
HSL	187°, 12%, 73%
HSV	187°, 8%, 76%
XYZ	46.9473, 51.0593, 58.4200
YIQ	188.0420, -8.9860, -2.3460

Conversions

Conversions Part 2

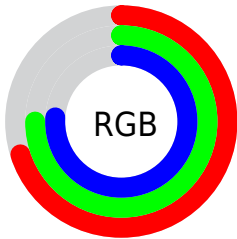
Format	Color
RYB	178, 185, 194
Decimal	11714754
CIELab	76.71, -4.39, -2.66
CIELCh	77, 5.138, 211.222
Yxy	51.0593, 0.3001, 0.3264
Android (android.graphics.Color)	4289904834 (0xFFB2C0C2)
YUV	188.0420, 2.9373, -8.8068
Hunter-Lab	71.4558, -7.7710, 1.5454

Details

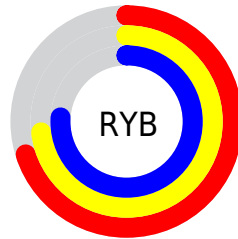
The XYZ color **46.9473, 51.0593, 58.4200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6054, 47.3257, 48.7986**, and the grayscale version is **47.8125, 50.3025, 54.7794**.

A 20% lighter version of the original color is **84.7544, 91.5294, 103.6424**, and **22.4237, 24.7187, 28.4003** is the 20% darker color. If you saturate the color by 10%, you get **42.2801, 47.8719, 58.0515**, and if you desaturate by 10%, it is **52.2557, 54.5930, 58.8231**.

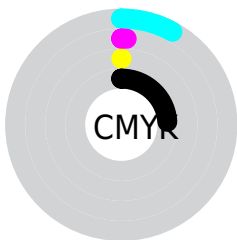
Distribution



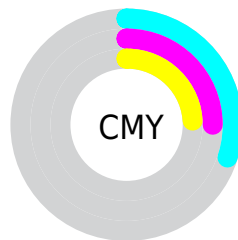
- Red (70%)
- Green (75%)
- Blue (76%)



- Red (70%)
- Yellow (73%)
- Blue (76%)



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



- Cyan (30%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.9473, 51.0593, 58.4200 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 46.9473, 51.0593, 58.4200 by changing the saturation by 10% instead.

■ 46.9473, 51.0593,
58.4200

■ 46.9473, 51.0593,
58.4200

365.2566,
390.7941, 436.3910

■ 33.2018, 36.2558,
41.7295

■ 84.8542, 91.7424,
104.0550

■ 22.4410, 24.6318,
28.5655

109.7462,
118.3908, 133.8366

■ 14.2997, 15.8030,
18.5096

139.0845,
149.7563, 168.8190

■ 8.4125, 9.3848,
11.1433

173.2343,
186.2233, 209.4206

■ 4.4140, 4.9930,
6.0479

212.5611,
228.1762, 256.0601

■ 1.9389, 2.2432,
2.8050

257.4302,

■ 0.5993, 0.7434,

275.9994, 309.1560

0.9959

308.2069,
330.0772, 369.1268

■ 0.0000, 0.0000,
0.0000

■ 46.9473, 51.0593,
58.4200

■ 46.9473, 51.0593,
58.4200

■ 42.2801, 47.8719,
58.0515

■ 52.2557, 54.5930,
58.8231

■ 38.2235, 45.0107,
57.7131

■ 58.2256, 58.4795,
59.2586

■ 34.7506, 42.4634,
57.4044

■ 64.8821, 62.7330,
59.7288

■ 31.8311, 40.2141,
57.1242

■ 72.0256, 67.2507,
60.2243

■ 29.4318, 38.2457,
56.8707

■ 72.5970, 68.3936,
60.4148

■ 27.5158, 36.5392,
56.6423

■ 73.1774, 69.5545,
60.6082

■ 26.0415, 35.0730,
56.4370

■ 73.7669, 70.7333,
60.8047

■ 24.9600, 33.8218,
56.2525

■ 74.3653, 71.9302,
61.0042

■ 24.1949, 32.7462,
56.0852

■ 74.9728, 73.1452,
61.2067

Harmonies

Analogous

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



46.6831, 51.0593, 55.7093



46.9473, 51.0593, 58.4200



47.6349, 51.0593, 60.4267

Triad

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



46.9473, 51.0593, 58.4200



50.1894, 51.0593, 58.2155



48.4904, 51.0593, 50.4062

Complementary

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



46.9473, 51.0593, 58.4200



46.6054, 47.3257, 48.7986

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.



49.4370, 51.0593, 51.0278



46.9473, 51.0593, 58.4200



50.4257, 51.0593, 55.4806

Square

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



46.9473, 51.0593, 58.4200



49.5070, 51.0593, 60.3059



50.1486, 51.0593, 52.8624



47.5666, 51.0593, 51.1358

Rectangle

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



46.9473, 51.0593, 58.4200



48.2453, 51.0593, 61.0624



50.1486, 51.0593, 52.8624



48.8165, 51.0593, 50.4639

Sweetspot

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



46.9488, 51.0615, 58.4211



90.8953, 96.4117, 106.2884



45.8773, 51.3392, 50.6010



19.9265, 21.1273, 23.2777



0.0000, 0.0000, 0.0000



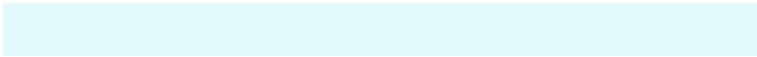
20.3446, 21.4041, 23.3091

Same Dimension

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



46.9488, 51.0615, 58.4211



83.3536, 91.3576, 105.7104



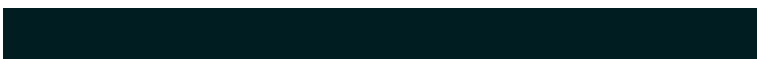
45.2666, 47.6972, 57.8604



10.2578, 11.2070, 12.9073



15.8681, 21.4927, 36.8688



0.7163, 0.9900, 1.6032

Inverse Universe

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



47.6841, 47.1168, 56.4530



84.9788, 82.6882, 101.3489



48.2395, 50.5940, 49.3433



10.4414, 10.2252, 12.4151



19.4055, 9.4519, 25.8449



0.8539, 0.4146, 1.1982

Previews

White Background



This preview shows how the XYZ color 46.9473, 51.0593, 58.4200 looks on a white background.

Color Contrast Check

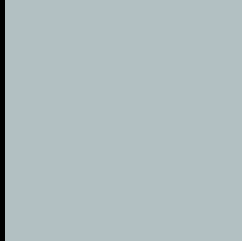
Large Text (above 18pt) WCAG AA × Fail

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 46.9473, 51.0593, 58.4200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

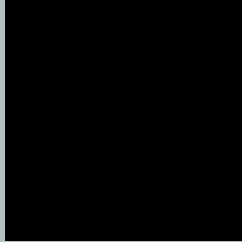
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

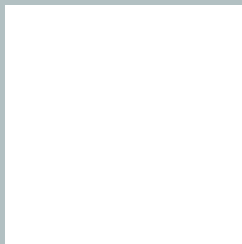
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.9473, 51.0593, 58.4200

Background



This preview shows how black text looks on a background with the XYZ color 46.9473, 51.0593, 58.4200.



This preview shows how white text looks on a background with the XYZ color 46.9473, 51.0593,

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

46.9473, 51.0593, 58.4200

Protanopia

49.2359, 50.9787, 57.1140

Deuteranopia

51.7991, 50.6899, 59.2786



Tritanopia

48.2553, 50.9380, 65.0463

Trichromacy



Original Color

46.9473, 51.0593, 58.4200

Protanomaly

48.3168, 50.8102, 57.7129

Deuteranomaly

49.9149, 50.6600, 58.7773

Tritanomaly

47.7638, 51.0624, 62.5969

Monochromacy



Original Color

46.9473, 51.0593, 58.4200

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 46.9473, 51.0593, 58.4200 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(178, 192, 194)` looks like.

```
.text, #text, p{  
    color:rgb(178, 192, 194)  
}
```

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(178, 192, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 192, 194) }
```

Border

The CSS property to change the border of an element to XYZ 46.9473, 51.0593, 58.4200 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(178, 192, 194) }
```


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

```
.border{ border-color:rgb(178, 192, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 192, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 192, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 192, 194);  
box-shadow:4px 4px 4px 4px rgb(178, 192,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9473, 51.0593, 58.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 192, 194) }
```

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

```
.background{ background-color: rgb(178,  
192, 194) }
```

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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