

Converting Colors

XYZ(47.9294, 51.1430, 59.2537)

Have a look what the booklet for
XYZ(47.9294, 51.1430, 59.2537)
contains.

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Color

**XYZ(48.0096, 51.2690,
58.9953)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BFC3
RGB	183, 191, 195
RGB Percent	72%, 75%, 76%
CMY	0.2823, 0.2510, 0.2353
CMYK	0.06, 0.02, 0.00, 0.24
HSL	200°, 9%, 74%
HSV	200°, 6%, 76%
XYZ	48.0096, 51.2690, 58.9953
YIQ	189.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

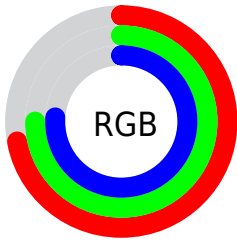
Format	Color
R_{YB}	183, 188, 195
Decimal	12042179
CIE Lab	76.84, -1.98, -2.98
CIE LCh	77, 3.575, 236.354
Yxy	51.2690, 0.3033, 0.3239
Android (android.graphics.Color)	4290232259 (0xFFB7BFC3)
YUV	189.0640, 2.9264, -5.3181
Hunter-Lab	71.6024, -5.6194, 1.2709

Details

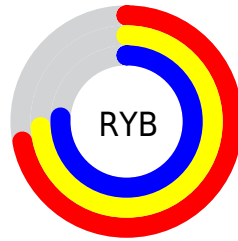
The XYZ color **48.0096, 51.2690, 58.9953** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8235, 50.5614, 51.9867**, and the grayscale version is **48.3939, 50.9141, 55.4455**.

A 20% lighter version of the original color is **86.4281, 91.9005, 105.2788**, and **23.1021, 24.8459, 28.7774** is the 20% darker color. If you saturate the color by 10%, you get **42.3041, 46.2726, 58.3324**, and if you desaturate by 10%, it is **54.4235, 56.7267, 59.7115**.

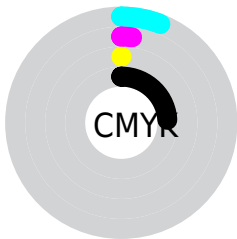
Distribution



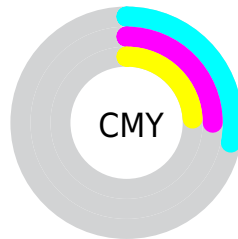
- Red (72%)
- Green (75%)
- Blue (76%)



- Red (72%)
- Yellow (74%)
- Blue (76%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (28%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0096, 51.2690, 58.9953 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 48.0096, 51.2690, 58.9953 by changing the saturation by 10% instead.

■ 48.0096, 51.2690,
58.9953

■ 48.0096, 51.2690,
58.9953

369.4121,
391.6080, 438.5859

■ 34.0458, 36.4227,
42.1893

■ 86.4283, 92.0523,
104.8999

■ 23.0918, 24.7609,
28.9229

111.6139,
118.7581, 134.8356

■ 14.7824, 15.8990,
18.7774

141.2708,
150.1858, 169.9850

■ 8.7521, 9.4527,
11.3344

175.7643,
186.7200, 210.7666

■ 4.6357, 5.0376,
6.1752

215.4599,
228.7449, 257.5989

■ 2.0677, 2.2694,
2.8814

260.7228,

■ 0.6715, 0.7574,

276.6449, 310.9006

1.0344

311.9184,
330.8045, 371.0901

■ 0.0000, 0.0000,
0.0000

■ 48.0096, 51.2690,
58.9953

■ 48.0096, 51.2690,
58.9953

■ 42.3041, 46.2726,
58.3324

■ 54.4235, 56.7267,
59.7115

■ 37.2754, 41.7158,
57.7179

■ 61.5670, 62.6535,
60.4790

■ 32.8963, 37.5847,
57.1513

■ 69.4657, 69.0653,
61.3003

■ 29.1355, 33.8620,
56.6310

■ 75.8997, 74.8187,
62.0717

■ 25.9594, 30.5290,
56.1550

■ 77.6070, 78.2332,
62.6407

■ 23.3307, 27.5653,
55.7215

■ 79.3808, 81.7809,
63.2320

■ 21.2074, 24.9479,
55.3282

■ 81.2221, 85.4634,
63.8458

■ 19.5410, 22.6503,
54.9726

■ 83.1314, 89.2820,
64.4822

■ 18.2698, 20.6395,
54.6515

■ 85.1095, 93.2382,
65.1416

Harmonies

Analogous

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



47.5687, 51.2690, 57.5002



48.0096, 51.2690, 58.9953



48.6466, 51.2690, 59.6399

Triad

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



48.0096, 51.2690, 58.9953



50.0447, 51.2690, 56.0614



48.1522, 51.2690, 52.5382

Complementary

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



48.0096, 51.2690, 58.9953



48.8235, 50.5614, 51.9867

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.



48.8127, 51.2690, 52.1730



48.0096, 51.2690, 58.9953



49.9093, 51.2690, 54.1792

Square

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



48.0096, 51.2690, 58.9953



49.8250, 51.2690, 57.9214



49.4569, 51.2690, 52.7669



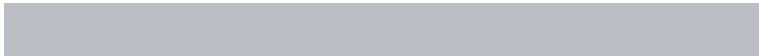
47.6505, 51.2690, 53.7764

Rectangle

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



48.0096, 51.2690, 58.9953



49.0983, 51.2690, 59.4898



49.4569, 51.2690, 52.7669



48.3628, 51.2690, 52.3105

Sweetspot

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



48.0111, 51.2712, 58.9964



90.5663, 95.7536, 106.1787



47.9927, 52.6777, 54.5408



19.8579, 20.9902, 23.2548



0.0000, 0.0000, 0.0000



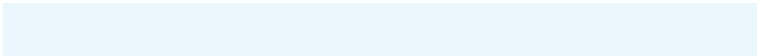
20.3446, 21.4041, 23.3091

Same Dimension

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



48.0111, 51.2712, 58.9964



84.9575, 90.9363, 105.5445



46.7705, 48.7900, 58.5829



10.3181, 11.0544, 12.8747



11.6743, 13.1051, 35.4708



0.5656, 0.6886, 1.5530

Inverse Universe

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



48.8443, 49.2317, 56.2210



86.6742, 86.7580, 99.8208



50.0795, 53.0734, 52.4054



10.5385, 10.5192, 12.1396



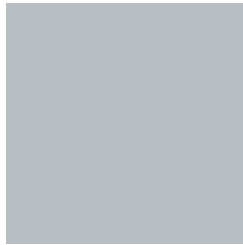
17.2886, 8.6052, 14.6978



0.7779, 0.3842, 0.7977

Previews

White Background



This preview shows how the XYZ color 48.0096, 51.2690, 58.9953 looks on a white background.

Color Contrast Check

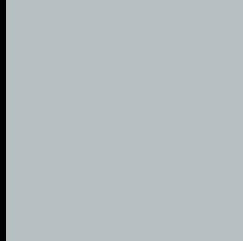
Large Text (above 18pt) WCAG AA × Fail

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 48.0096, 51.2690, 58.9953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

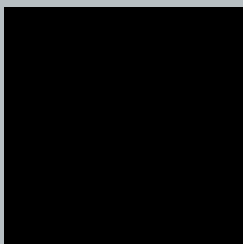
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

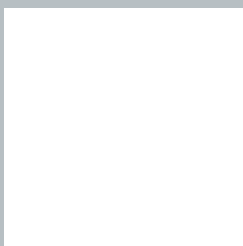
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0096, 51.2690, 58.9953

Background



This preview shows how black text looks on a background with the XYZ color 48.0096, 51.2690, 58.9953.



This preview shows how white text looks on a background with the XYZ color 48.0096, 51.2690,

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

48.0096, 51.2690, 58.9953

Protanopia

49.4591, 51.0679, 58.2893

Deuteranopia

52.2811, 51.2456, 59.3604



Tritanopia

49.4405, 51.5490, 65.1018

Trichromacy



Original Color

48.0096, 51.2690, 58.9953

Protanomaly

48.9215, 51.1091, 58.3255

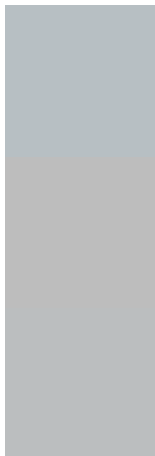
Deuteranomaly

50.7601, 51.3965, 59.4697

Tritanomaly

48.7232, 51.2343, 62.5796

Monochromacy



Original Color

48.0096, 51.2690, 58.9953

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.3109, 51.1533, 56.6175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0096, 51.2690, 58.9953 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(183, 191, 195)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 191, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 191, 195) }
```

Border

The CSS property to change the border of an element to XYZ 48.0096, 51.2690, 58.9953 is called "border". The border property can be set on classes, ids or directly on the HTML element.

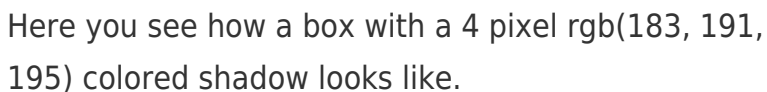
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 191, 195) }
```


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

```
.border{ border-color:rgb(183, 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(183, 191, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 191, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 191, 195); box-shadow:4px 4px 4px 4px rgb(183, 191, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0096, 51.2690, 58.9953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 191, 195) }
```

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

```
.background{ background-color: rgb(183,  
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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