

Converting Colors

XYZ(51.0077, 56.3495, 65.6780)

Have a look what the booklet for
XYZ(51.0077, 56.3495, 65.6780)
contains.

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Color

**XYZ(51.1960, 56.4726,
65.9596)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CACD
RGB	181, 202, 205
RGB Percent	71%, 79%, 80%
CMY	0.2902, 0.2078, 0.1961
CMYK	0.12, 0.01, 0.00, 0.20
HSL	187°, 19%, 76%
HSV	187°, 12%, 80%
XYZ	51.1960, 56.4726, 65.9596
YIQ	196.0630, -13.4790, -3.5190

Conversions

Conversions Part 2

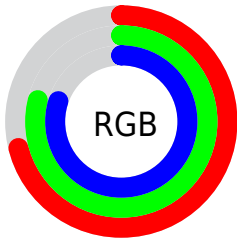
Format	Color
RYB	181, 192, 205
Decimal	11913933
CIELab	79.88, -6.46, -3.91
CIELCh	80, 7.556, 211.187
Yxy	56.4726, 0.2949, 0.3253
Android (android.graphics.Color)	4290104013 (0xFFB5CACD)
YUV	196.0630, 4.4059, -13.2103
Hunter-Lab	75.1483, -9.9033, 0.5634

Details

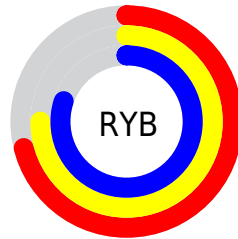
The XYZ color **51.1960, 56.4726, 65.9596** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6581, 50.5960, 50.8130**, and the grayscale version is **52.4886, 55.2221, 60.1369**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **25.0779, 28.0034, 33.3616** is the 20% darker color. If you saturate the color by 10%, you get **46.1431, 52.9849, 65.5536**, and if you desaturate by 10%, it is **56.9694, 60.3495, 66.4045**.

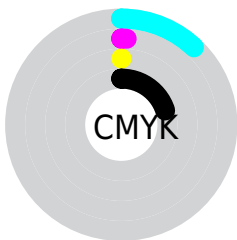
Distribution



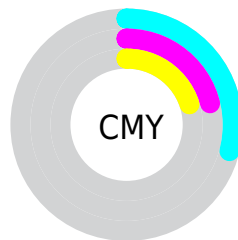
- Red (71%)
- Green (79%)
- Blue (80%)



- Red (71%)
- Yellow (75%)
- Blue (80%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1960, 56.4726, 65.9596 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 51.1960, 56.4726, 65.9596 by changing the saturation by 10% instead.

■ 51.1960, 56.4726,
65.9596

■ 51.1960, 56.4726,
65.9596

381.6999,
411.4701, 464.6327

■ 36.5863, 40.5820,
47.7833

■ 91.1257, 99.6952,
115.0548

■ 25.0595, 27.9926,
33.2966

117.1764,
127.7960, 146.8108

■ 16.2504, 18.3201,
22.0808

147.7715,
160.7356, 183.9305

■ 9.7935, 11.1800,
13.7174

183.2763,
198.8985, 226.8323

■ 5.3235, 6.1881,
7.7879

224.0562,
242.6690, 275.9350

■ 2.4750, 2.9598,
3.8737

270.4765,

■ 0.8826, 1.1108,

292.4315, 331.6569

1.5563

322.9026,
348.5704, 394.4166

■ 0.0000, 0.0000,
0.2594

■ 0.0000, 0.0000,
0.0000

■ 51.1960, 56.4726,
65.9596

■ 51.1960, 56.4726,
65.9596

■ 46.1431, 52.9849,
65.5536

■ 56.9694, 60.3495,
66.4045

■ 41.7751, 49.8635,
65.1813

■ 63.4874, 64.6237,
66.8860

■ 38.0605, 47.0936,
64.8425

■ 70.7788, 69.3115,
67.4065

■ 34.9633, 44.6566,
64.5353

■ 75.8642, 72.8770,
67.8267

■ 32.4444, 42.5322,
64.2580

■ 76.5102, 74.1690,
68.0420

■ 30.4597, 40.6976,
64.0085

■ 77.1664, 75.4814,
68.2608

■ 28.9588, 39.1268,
63.7844

■ 77.8329, 76.8143,
68.4829

■ 27.8816, 37.7887,
63.5829

■ 78.5096, 78.1678,
68.7085

■ 27.2204, 36.8095,
63.4288

■ 79.1967, 79.5420,
68.9375

Harmonies

Analogous

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



50.7854, 56.4726, 61.6639



51.1960, 56.4726, 65.9596



52.2690, 56.4726, 69.1770

Triad

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



51.1960, 56.4726, 65.9596



56.2968, 56.4726, 65.6430



53.6145, 56.4726, 53.4383

Complementary

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



51.1960, 56.4726, 65.9596



50.6581, 50.5960, 50.8130

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.



55.1070, 56.4726, 54.3929



51.1960, 56.4726, 65.9596



56.6732, 56.4726, 61.3145

Square

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



51.1960, 56.4726, 65.9596



55.2146, 56.4726, 68.9882



56.2338, 56.4726, 57.2252



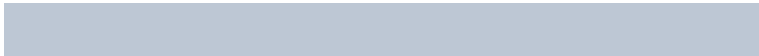
52.1653, 56.4726, 54.5541

Rectangle

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



51.1960, 56.4726, 65.9596



53.2257, 56.4726, 70.2035



56.2338, 56.4726, 57.2252



54.1278, 56.4726, 53.5274

Sweetspot

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



51.1976, 56.4750, 65.9609



90.9915, 97.3065, 108.5940



49.5190, 56.9396, 53.6190



19.3173, 20.7217, 23.2315



0.0000, 0.0000, 0.0000



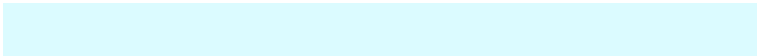
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1976, 56.4750, 65.9609



81.7080, 91.0352, 107.8728



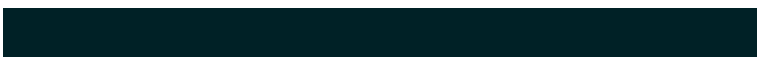
48.5332, 51.1461, 65.0727



11.4191, 12.4786, 14.3771



16.9934, 23.0108, 39.5021



0.9110, 1.2557, 2.0493

Inverse Universe

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



52.3626, 50.2922, 62.8275



83.9903, 79.0159, 101.7136



53.2131, 55.7060, 51.6646



11.6249, 11.3787, 13.8253



20.7884, 10.1259, 27.6680



1.0898, 0.5293, 1.5186

Previews

White Background



This preview shows how the XYZ color 51.1960, 56.4726, 65.9596 looks on a white background.

Color Contrast Check

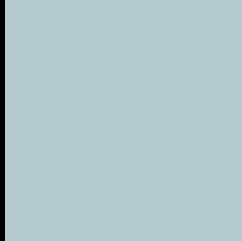
Large Text (above 18pt) WCAG AA × Fail

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 51.1960, 56.4726, 65.9596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

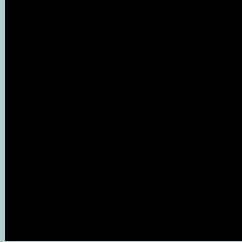
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1960, 56.4726, 65.9596

Background



This preview shows how black text looks on a background with the XYZ color 51.1960, 56.4726, 65.9596.



This preview shows how white text looks on a background with the XYZ color 51.1960, 56.4726,

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

51.1960, 56.4726, 65.9596

Protanopia

54.4463, 56.4761, 63.9085

Deuteranopia

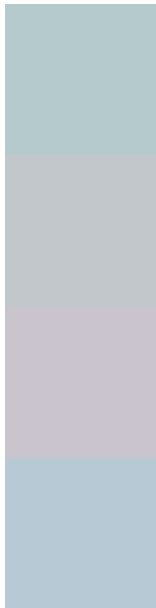
57.5527, 56.3504, 66.8748



Tritanopia

52.5774, 56.3337, 73.0681

Trichromacy



Original Color

51.1960, 56.4726, 65.9596

Protanomaly

53.1952, 56.4961, 64.6011

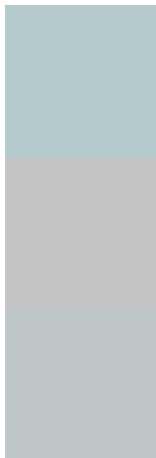
Deuteranomaly

54.9679, 56.3536, 66.3727

Tritanomaly

52.0617, 56.4718, 70.4436

Monochromacy



Original Color

51.1960, 56.4726, 65.9596

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.9887, 55.5881, 62.0223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1960, 56.4726, 65.9596 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(181, 202, 205)` looks like.

```
.text, #text, p{  
    color:rgb(181, 202, 205)  
}
```

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(181, 202, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 202, 205) }
```

Border

The CSS property to change the border of an element to XYZ 51.1960, 56.4726, 65.9596 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(181, 202, 205) }
```


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

```
.border{ border-color:rgb(181, 202, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 202, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 202, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 202, 205);  
box-shadow:4px 4px 4px 4px rgb(181, 202,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1960, 56.4726, 65.9596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 202, 205) }
```

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

```
.background{ background-color: rgb(181,  
202, 205) }
```

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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