

Converting Colors

XYZ(44.8695, 50.6328, 59.0388)

Have a look what the booklet for
XYZ(44.8695, 50.6328, 59.0388)
contains.

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Color

**XYZ(44.8680, 50.6307,
59.0377)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C2C3
RGB	166, 194, 195
RGB Percent	65%, 76%, 76%
CMY	0.3490, 0.2392, 0.2353
CMYK	0.15, 0.01, 0.00, 0.24
HSL	182°, 19%, 71%
HSV	182°, 15%, 76%
XYZ	44.8680, 50.6307, 59.0377
YIQ	185.7420, -17.0090, -5.6250

Conversions

Conversions Part 2

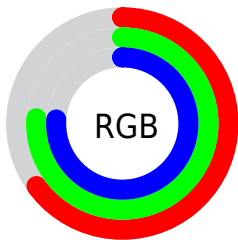
Format	Color
R_{YB}	166, 180, 195
Decimal	10928835
CIE _{Lab}	76.45, -9.20, -3.68
CIE _{LCh}	76, 9.905, 201.824
Yxy	50.6307, 0.2903, 0.3276
Android (android.graphics.Color)	4289118915 (0xFFA6C2C3)
YUV	185.7420, 4.5642, -17.3137
Hunter-Lab	71.1553, -11.9659, 0.6156

Details

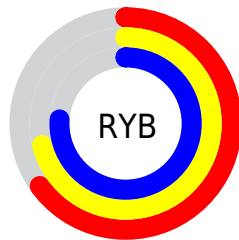
The XYZ color **44.8680, 50.6307, 59.0377** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.2077, 41.9926, 41.9054**, and the grayscale version is **46.5111, 48.9333, 53.2883**.

A 20% lighter version of the original color is **81.8867, 91.3948, 105.4205**, and **21.1252, 24.2567, 28.7679** is the 20% darker color. If you saturate the color by 10%, you get **40.9377, 48.3848, 58.8122**, and if you desaturate by 10%, it is **49.4217, 53.2016, 59.2947**.

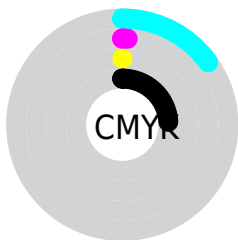
Distribution



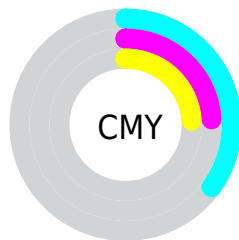
- Red (65%)
- Green (76%)
- Blue (76%)



- Red (65%)
- Yellow (71%)
- Blue (76%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)



- Cyan (35%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8680, 50.6307, 59.0377 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 44.8680, 50.6307, 59.0377 by changing the saturation by 10% instead.

■ 44.8680, 50.6307,
59.0377

■ 44.8680, 50.6307,
59.0377

357.0314,
389.1273, 438.7474

■ 31.5543, 35.9148,
42.2233

■ 81.7606, 91.1087,
104.9621

■ 21.1752, 24.3684,
28.9493

■ 106.0702,
117.6395, 134.9092

■ 13.3653, 15.6071,
18.7972

134.7758,
148.8774, 170.0708

■ 7.7593, 9.2466,
11.3485

168.2427,
185.2068, 210.8657

■ 3.9918, 4.9024,
6.1846

206.8364,
227.0121, 257.7122

■ 1.6975, 2.1901,
2.8871

250.9222,

■ 0.4547, 0.7146,

274.6777, 311.0290

1.0373

300.8654,
328.5879, 371.2345

■ 0.0000, 0.0000,
0.0000

■ 44.8680, 50.6307,
59.0377

■ 44.8680, 50.6307,
59.0377

■ 40.9377, 48.3848,
58.8122

■ 49.4217, 53.2016,
59.2947

■ 37.5986, 46.4434,
58.6134

■ 54.6205, 56.1048,
59.5811

■ 34.8223, 44.7931,
58.4412

■ 60.4904, 59.3549,
59.8991

■ 32.5762, 43.4171,
58.2940

■ 67.0547, 62.9640,
60.2497

■ 30.8243, 42.2969,
58.1701

■ 71.1379, 65.2951,
60.4844

■ 29.5264, 41.4117,
58.0676

■ 71.2909, 65.6010,
60.5354

■ 28.6358, 40.7375,
57.9845

■ 71.4446, 65.9083,
60.5866

■ 28.0958, 40.2450,
57.9179

■ 71.5989, 66.2170,
60.6381

■ 27.8969, 40.0330,
57.8874

■ 71.7539, 66.5271,
60.6898

Harmonies

Analogous

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



44.6577, 50.6307, 53.6796



44.8680, 50.6307, 59.0377



45.9389, 50.6307, 63.6082

Triad

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



44.8680, 50.6307, 59.0377



50.9994, 50.6307, 61.7273



48.6351, 50.6307, 45.5686

Complementary

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



44.8680, 50.6307, 59.0377



43.2077, 41.9926, 41.9054

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.



50.3751, 50.6307, 47.4376



44.8680, 50.6307, 59.0377



51.7630, 50.6307, 56.6027

Square

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



44.8680, 50.6307, 59.0377



49.4693, 50.6307, 65.2296



51.5317, 50.6307, 51.3953



46.8012, 50.6307, 46.1276

Rectangle

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



44.8680, 50.6307, 59.0377



47.0123, 50.6307, 65.4802



51.5317, 50.6307, 51.3953



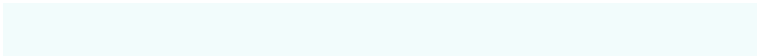
49.2510, 50.6307, 45.9292

Sweetspot

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



44.8695, 50.6328, 59.0388



89.2237, 95.6818, 106.2356



42.2138, 49.9269, 43.9559



19.3918, 20.8707, 23.2563



0.0000, 0.0000, 0.0000



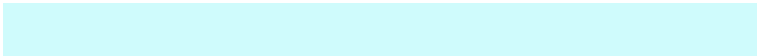
20.3446, 21.4041, 23.3091

Same Dimension

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



44.8695, 50.6328, 59.0388



77.8387, 89.2475, 105.5937



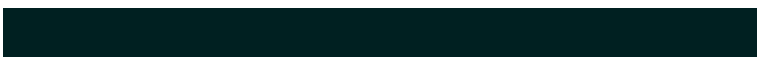
41.8043, 44.5024, 58.0171



10.3379, 11.3671, 12.9340



18.1444, 26.0453, 37.6276



0.7934, 1.1442, 1.6289

Inverse Universe

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



45.8807, 42.7706, 56.8788



80.0179, 72.3675, 100.9246



46.0084, 47.5940, 42.8389



10.4819, 10.2413, 12.6280



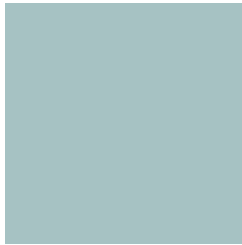
20.5544, 9.9115, 31.8953



0.8929, 0.4302, 1.4032

Previews

White Background



This preview shows how the XYZ color 44.8680, 50.6307, 59.0377 looks on a white background.

Color Contrast Check

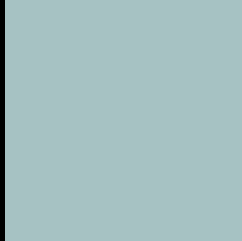
Large Text (above 18pt) WCAG AA × Fail

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 44.8680, 50.6307, 59.0377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

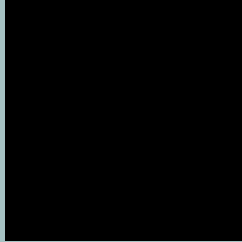
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

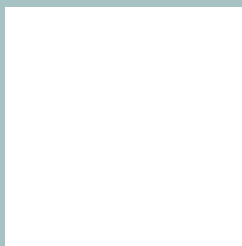
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.8680, 50.6307, 59.0377

Background



This preview shows how black text looks on a background with the XYZ color 44.8680, 50.6307, 59.0377.



This preview shows how white text looks on a background with the XYZ color 44.8680, 50.6307,

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

44.8680, 50.6307, 59.0377

Protanopia

48.6602, 50.3786, 56.4496

Deuteranopia

51.3687, 50.4547, 59.8546



Tritanopia

46.2606, 50.5291, 66.3464

Trichromacy



Original Color

44.8680, 50.6307, 59.0377

Protanomaly

47.2193, 50.5778, 57.1429

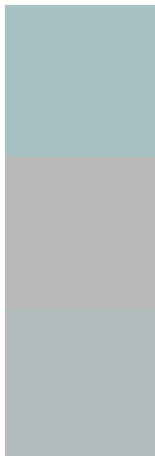
Deuteranomaly

48.7204, 50.3450, 59.3743

Tritanomaly

45.7858, 50.6672, 63.8665

Monochromacy



Original Color

44.8680, 50.6307, 59.0377

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.9733, 49.6530, 55.3051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8680, 50.6307, 59.0377 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(166, 194, 195)` looks like.

```
.text, #text, p{  
    color:rgb(166, 194, 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(166, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 194, 195) }
```

Border

The CSS property to change the border of an element to XYZ 44.8680, 50.6307, 59.0377 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(166, 194, 195) }
```


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

```
.border{ border-color:rgb(166, 194, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 194, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 194, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 194, 195); box-shadow:4px 4px 4px 4px rgb(166, 194, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8680, 50.6307, 59.0377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 194, 195) }
```

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

```
.background{ background-color: rgb(166,  
194, 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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