

Converting Colors

XYZ(46.7712, 53.1360, 55.9970)

Have a look what the booklet for
XYZ(46.7712, 53.1360, 55.9970)
contains.

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Color

**XYZ(46.6130, 52.9465,
55.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	ADC6BD
RGB	173, 198, 189
RGB Percent	68%, 78%, 74%
CMY	0.3216, 0.2235, 0.2588
CMYK	0.13, 0.00, 0.05, 0.22
HSL	158°, 18%, 73%
HSV	158°, 13%, 78%
XYZ	46.6130, 52.9465, 55.9070
YIQ	189.4990, -12.0110, -8.0990

Conversions

Conversions Part 2

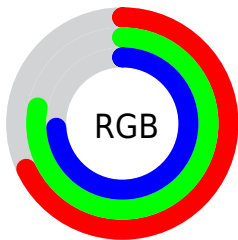
Format	Color
RYB	173, 188, 198
Decimal	11388605
CIELab	77.84, -10.20, 1.65
CIELCh	78, 10.330, 170.825
Yxy	52.9465, 0.2998, 0.3406
Android (android.graphics.Color)	4289578685 (0xFFADC6BD)
YUV	189.4990, -0.2460, -14.4696
Hunter-Lab	72.7643, -12.9901, 5.3808

Details

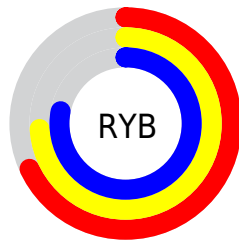
The XYZ color **46.6130, 52.9465, 55.9070** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.6777, 45.2718, 50.5367**, and the grayscale version is **48.6631, 51.1974, 55.7540**.

A 20% lighter version of the original color is **84.5545, 94.7706, 100.2223**, and **22.1629, 25.7172, 27.0883** is the 20% darker color. If you saturate the color by 10%, you get **41.8002, 50.5541, 51.7413**, and if you desaturate by 10%, it is **52.1157, 55.6931, 60.3059**.

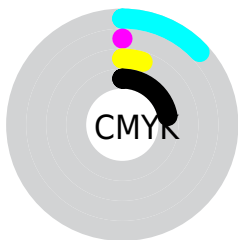
Distribution



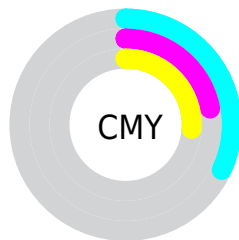
- Red (68%)
- Green (78%)
- Blue (74%)



- Red (68%)
- Yellow (74%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (32%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.6130, 52.9465, 55.9070 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 46.6130, 52.9465, 55.9070 by changing the saturation by 10% instead.

■ 46.6130, 52.9465,
55.9070

■ 46.6130, 52.9465,
55.9070

363.9424,
398.0798, 426.7194

■ 32.9365, 37.7601,
39.7249

■ 84.3579, 94.5256,
100.3530

■ 22.2368, 25.7965,
27.0119

109.1571,
121.6871, 129.4540

■ 14.1486, 16.6715,
17.3497

138.3944,
153.6091, 163.6983

■ 8.3065, 10.0005,
10.3195

172.4354,
190.6759, 203.5046

■ 4.3451, 5.3993,
5.5030

211.6453,
233.2720, 249.2913

■ 1.8992, 2.4834,
2.4814

256.3896,

■ 0.5764, 0.8683,

281.7818, 301.4769

0.8303

307.0335,
336.5896, 360.4801

■ 0.0000, 0.0000,
0.0000

■ 46.6130, 52.9465,
55.9070

■ 46.6130, 52.9465,
55.9070

■ 41.8002, 50.5541,
51.7413

■ 52.1157, 55.6931,
60.3059

■ 37.6439, 48.4944,
47.8010

■ 58.3311, 58.8011,
64.9384

■ 34.1144, 46.7535,
44.0829

■ 65.2864, 62.2861,
69.8097

■ 31.1781, 45.3142,
40.5827

■ 73.0059, 66.1604,
74.9234

■ 28.7980, 44.1575,
37.2954

■ 74.9779, 67.0673,
79.9776

■ 26.9328, 43.2622,
34.2161

■ 75.9693, 67.4638,
85.1978

■ 25.5350, 42.6038,
31.3394

■ 77.0017, 67.8767,
90.6344

■ 24.5479, 42.1533,
28.6593

■ 78.0756, 68.3063,
96.2898

■ 24.0067, 41.9148,
26.8037

■ 79.1916, 68.7527,
102.1664

Harmonies

Analogous

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



47.3939, 52.9465, 50.9522



46.6130, 52.9465, 55.9070



46.8057, 52.9465, 61.6651

Triad

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



46.6130, 52.9465, 55.9070



51.7073, 52.9465, 68.5985



52.7991, 52.9465, 49.5064

Complementary

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



46.6130, 52.9465, 55.9070



46.6777, 45.2718, 50.5367

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.



54.0144, 52.9465, 53.8125



46.6130, 52.9465, 55.9070



53.3725, 52.9465, 64.9099

Square

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



46.6130, 52.9465, 55.9070



49.7118, 52.9465, 69.2519



54.2270, 52.9465, 59.4283



50.9413, 52.9465, 47.4216

Rectangle

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



46.6130, 52.9465, 55.9070



47.4626, 52.9465, 65.1740



54.2270, 52.9465, 59.4283



53.2983, 52.9465, 50.7281

Sweetspot

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



46.6145, 52.9487, 55.9082



90.8107, 97.8822, 105.6444



47.0695, 53.3730, 47.3573



19.2716, 20.8681, 22.4828



0.0000, 0.0000, 0.0000



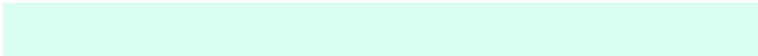
20.3446, 21.4041, 23.3091

Same Dimension

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



46.6145, 52.9487, 55.9082



80.2121, 92.5979, 97.0425



46.8689, 51.8446, 60.9654



10.7783, 12.0002, 12.7829



15.6536, 27.2738, 17.6522



0.7749, 1.3049, 1.0135

Inverse Universe

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



46.6777, 45.2718, 50.5367



80.3450, 76.4995, 85.7799



46.4240, 46.2059, 46.0079



10.7890, 10.6990, 11.8724



15.9286, 8.1210, 4.8338



0.7888, 0.3984, 0.4112

Previews

White Background



This preview shows how the XYZ color 46.6130, 52.9465, 55.9070 looks on a white background.

Color Contrast Check

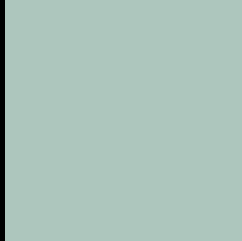
Large Text (above 18pt) WCAG AA × Fail

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 46.6130, 52.9465, 55.9070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

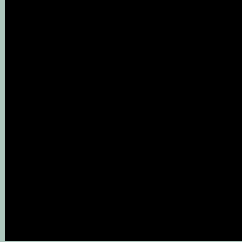
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

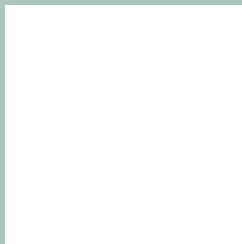
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.6130, 52.9465, 55.9070

Background



This preview shows how black text looks on a background with the XYZ color 46.6130, 52.9465, 55.9070.

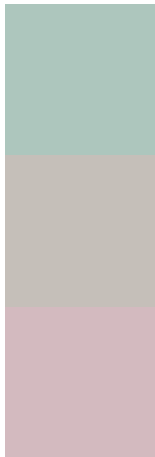


This preview shows how white text looks on a background with the XYZ color 46.6130, 52.9465,

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

46.6130, 52.9465, 55.9070

Protanopia

50.4137, 52.6347, 53.4014

Deuteranopia

53.8268, 52.7283, 56.6308



Tritanopia

49.2794, 53.0305, 68.6114

Trichromacy



Original Color

46.6130, 52.9465, 55.9070

Protanomaly

48.8938, 52.8201, 54.0727

Deuteranomaly

50.7337, 52.4149, 56.1583

Tritanomaly

48.3051, 52.9742, 63.5562

Monochromacy



Original Color

46.6130, 52.9465, 55.9070

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.1314, 52.0480, 56.2247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6130, 52.9465, 55.9070 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(173, 198, 189)` looks like.

```
.text, #text, p{  
    color:rgb(173, 198, 189)  
}
```

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(173, 198, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 198, 189) }
```

Border

The CSS property to change the border of an element to XYZ 46.6130, 52.9465, 55.9070 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(173, 198, 189) }
```


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

```
.border{ border-color:rgb(173, 198, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 198, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 198, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 198, 189);  
box-shadow:4px 4px 4px 4px rgb(173, 198,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6130, 52.9465, 55.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 198, 189) }
```

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

```
.background{ background-color: rgb(173,  
198, 189) }
```

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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