

Converting Colors

XYZ(51.9285, 58.0594, 69.2018)

Have a look what the booklet for
XYZ(51.9285, 58.0594, 69.2018)
contains.

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Color

**XYZ(52.0643, 58.2607,
69.4741)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CED2
RGB	178, 206, 210
RGB Percent	70%, 81%, 82%
CMY	0.3020, 0.1921, 0.1765
CMYK	0.15, 0.02, 0.00, 0.18
HSL	187°, 26%, 76%
HSV	187°, 15%, 82%
XYZ	52.0643, 58.2607, 69.4741
YIQ	198.0840, -17.9720, -4.6920

Conversions

Conversions Part 2

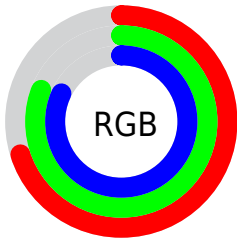
Format	Color
R _Y B	178, 193, 210
Decimal	11718354
CIE Lab	80.88, -8.49, -5.14
CIE LCh	81, 9.928, 211.180
Yxy	58.2607, 0.2896, 0.3240
Android (android.graphics.Color)	4289908434 (0xFFB2CED2)
YUV	198.0840, 5.8746, -17.6137
Hunter-Lab	76.3287, -11.8192, -0.5355

Details

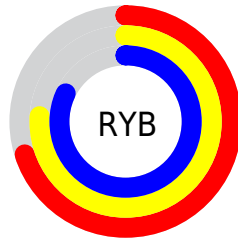
The XYZ color **52.0643, 58.2607, 69.4741** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.3427, 50.3720, 49.1374**, and the grayscale version is **53.7022, 56.4989, 61.5273**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **25.6864, 29.2167, 35.7381** is the 20% darker color. If you saturate the color by 10%, you get **46.9841, 54.7136, 69.0581**, and if you desaturate by 10%, it is **57.8960, 62.2140, 69.9307**.

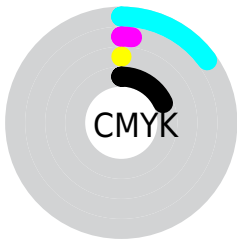
Distribution



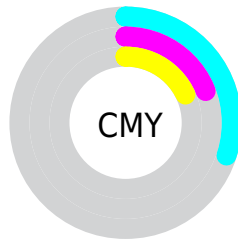
- Red (70%)
- Green (81%)
- Blue (82%)



- Red (70%)
- Yellow (76%)
- Blue (82%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (30%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0643, 58.2607, 69.4741 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 52.0643, 58.2607, 69.4741 by changing the saturation by 10% instead.

■ 52.0643, 58.2607,
69.4741

■ 52.0643, 58.2607,
69.4741

385.0047,
418.1567, 477.4405

■ 37.2808, 42.0183,
50.6238

■ 92.3997, 102.3024,
120.1326

■ 25.5997, 29.1156,
35.5346

118.6824,
130.8705, 152.7777

■ 16.6555, 19.1683,
23.7882

149.5288,
164.3159, 190.8583

■ 10.0829, 11.7919,
14.9658

185.3043,
203.0230, 234.7928

■ 5.5167, 6.6022,
8.6490

226.3743,
247.3762, 284.9997

■ 2.5913, 3.2146,
4.4193

273.1041,

■ 0.9415, 1.2448,

297.7600, 341.8976

1.8581

325.8591,
354.5587, 405.9050

■ 0.0000, 0.0978,
0.4659

■ 0.0000, 0.0000,
0.0000

■ 52.0643, 58.2607,
69.4741

■ 52.0643, 58.2607,
69.4741

■ 46.9841, 54.7136,
69.0581

■ 57.8960, 62.2140,
69.9307

■ 42.6169, 51.5481,
68.6773

■ 64.5056, 66.5825,
70.4256

■ 38.9284, 48.7479,
68.3312

■ 71.9243, 71.3838,
70.9613

■ 35.8792, 46.2927,
68.0180

■ 77.5565, 75.2801,
71.4165

■ 33.4260, 44.1602,
67.7357

■ 78.2360, 76.6391,
71.6430

■ 31.5201, 42.3250,
67.4819

■ 78.9263, 78.0197,
71.8731

■ 30.1049, 40.7580,
67.2541

■ 79.6274, 79.4219,
72.1068

■ 29.1110, 39.4233,
67.0488

■ 80.3394, 80.8460,
72.3442

■ 28.7256, 38.8383,
66.9562

■ 81.0624, 82.2919,
72.5851

Harmonies

Analogous

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



51.5195, 58.2607, 63.6692



52.0643, 58.2607, 69.4741



53.4929, 58.2607, 73.8711

Triad

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



52.0643, 58.2607, 69.4741



58.9079, 58.2607, 69.0464



55.2938, 58.2607, 52.7859

Complementary

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



52.0643, 58.2607, 69.4741



51.3427, 50.3720, 49.1374

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.



57.3009, 58.2607, 54.0330



52.0643, 58.2607, 69.4741



59.4183, 58.2607, 63.2034

Square

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



52.0643, 58.2607, 69.4741



57.4451, 58.2607, 73.6137



58.8233, 58.2607, 57.7583



53.3553, 58.2607, 54.2425

Rectangle

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



52.0643, 58.2607, 69.4741



54.7716, 58.2607, 75.2827



58.8233, 58.2607, 57.7583



55.9829, 58.2607, 52.9022

Sweetspot

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



52.0660, 58.2631, 69.4754



90.0078, 96.6495, 108.5190



49.8238, 58.9256, 52.8606



19.1190, 20.5891, 23.2164



0.0000, 0.0000, 0.0000



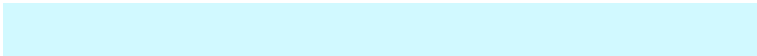
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0660, 58.2631, 69.4754



78.3309, 88.7061, 107.6012



48.4654, 51.0619, 68.2752



12.0271, 13.1445, 15.1469



17.5727, 23.7920, 40.8586



1.0187, 1.4026, 2.2966

Inverse Universe

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



53.6407, 50.0000, 65.2190



81.2055, 73.7662, 99.7988



54.7484, 57.1835, 50.2727



12.2446, 11.9826, 14.5638



21.5006, 10.4731, 28.6061



1.2204, 0.5929, 1.6955

Previews

White Background



This preview shows how the XYZ color 52.0643, 58.2607, 69.4741 looks on a white background.

Color Contrast Check

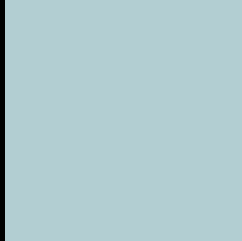
Large Text (above 18pt) WCAG AA × Fail

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 52.0643, 58.2607, 69.4741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

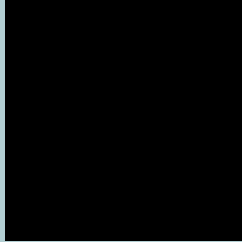
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

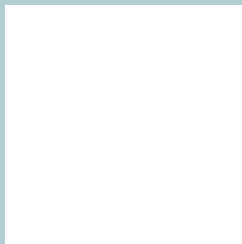
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0643, 58.2607, 69.4741

Background



This preview shows how black text looks on a background with the XYZ color 52.0643, 58.2607, 69.4741.



This preview shows how white text looks on a background with the XYZ color 52.0643, 58.2607,

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

52.0643, 58.2607, 69.4741

Protanopia

55.9211, 57.8596, 66.6132

Deuteranopia

59.1303, 58.0798, 70.3814



Tritanopia

53.4664, 58.1095, 76.8049

Trichromacy



Original Color

52.0643, 58.2607, 69.4741

Protanomaly

54.3753, 58.0835, 67.3768

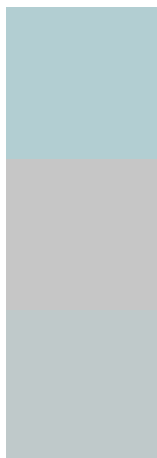
Deuteranomaly

56.2687, 57.9675, 69.8512

Tritanomaly

52.9461, 58.2561, 74.0996

Monochromacy



Original Color

52.0643, 58.2607, 69.4741

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0332, 57.1139, 64.1061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0643, 58.2607, 69.4741 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, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(178, 206, 210)  
}
```

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, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 206, 210) }
```

Border

The CSS property to change the border of an element to XYZ 52.0643, 58.2607, 69.4741 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, 206, 210) }
```


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

```
.border{ border-color:rgb(178, 206, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 206, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(178, 206,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0643, 58.2607, 69.4741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 206, 210) }
```

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

```
.background{ background-color: rgb(178,  
206, 210) }
```

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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