

Converting Colors

XYZ(50.7560, 57.8324, 67.2294)

Have a look what the booklet for
XYZ(50.7560, 57.8324, 67.2294)
contains.

XYZ(51.0309, 58.1293, 67.5619)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(51.0309, 58.1293,
67.5619)**

Conversions

Conversions Part 1

Format	Color
Hex	AECFCF
RGB	174, 207, 207
RGB Percent	68%, 81%, 81%
CMY	0.3176, 0.1882, 0.1882
CMYK	0.16, 0.00, 0.00, 0.19
HSL	180°, 26%, 75%
HSV	180°, 16%, 81%
XYZ	51.0309, 58.1293, 67.5619
YIQ	197.1330, -19.6680, -6.9960

Conversions

Conversions Part 2

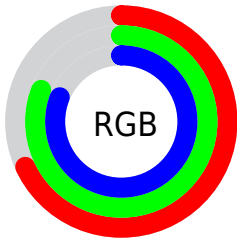
Format	Color
RYB	174, 191, 207
Decimal	11456463
CIELab	80.81, -10.90, -3.67
CIElCh	81, 11.506, 198.607
Yxy	58.1293, 0.2888, 0.3289
Android (android.graphics.Color)	4289646543 (0xFFAECFCF)
YUV	197.1330, 4.8644, -20.2876
Hunter-Lab	76.2426, -13.9504, 0.8303

Details

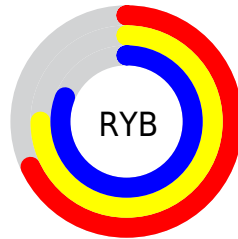
The XYZ color **51.0309, 58.1293, 67.5619** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.5103, 46.5952, 46.4840**, and the grayscale version is **53.1327, 55.8997, 60.8748**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **25.0262, 29.1473, 34.4440** is the 20% darker color. If you saturate the color by 10%, you get **46.7702, 55.9344, 67.3626**, and if you desaturate by 10%, it is **56.0057, 60.6954, 67.7971**.

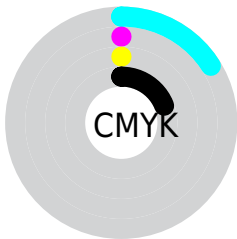
Distribution



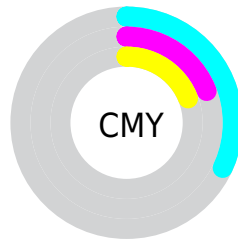
- Red (68%)
- Green (81%)
- Blue (81%)



- Red (68%)
- Yellow (75%)
- Blue (81%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (32%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0309, 58.1293, 67.5619 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 51.0309, 58.1293, 67.5619 by changing the saturation by 10% instead.

■ 51.0309, 58.1293,
67.5619

■ 51.0309, 58.1293,
67.5619

381.0695,
417.6676, 470.4981

■ 36.4543, 41.9126,
49.0769

■ 90.8832, 102.1111,
117.3735

■ 24.9570, 29.0329,
34.3145

116.8896,
130.6450, 149.5372

■ 16.1736, 19.1057,
22.8560

147.4367,
164.0535, 187.0975

■ 9.7387, 11.7467,
14.2829

182.8898,
202.7209, 230.4731

■ 5.2870, 6.5714,
8.1767

223.6143,
247.0316, 280.0824

■ 2.4531, 3.1955,
4.1188

269.9755,

■ 0.8717, 1.2347,

297.3700, 336.3439

1.6908

322.3388,
354.1205, 399.6763

■ 0.0000, 0.0897,
0.3544

■ 0.0000, 0.0000,
0.0000

■ 51.0309, 58.1293,
67.5619

■ 51.0309, 58.1293,
67.5619

■ 46.7702, 55.9344,
67.3626

■ 56.0057, 60.6954,
67.7971

■ 43.1861, 54.0868,
67.1937

■ 61.7198, 63.6411,
68.0657

■ 40.2453, 52.5708,
67.0549

■ 68.2036, 66.9836,
68.3703

■ 37.9098, 51.3668,
66.9445

■ 74.8174, 70.3931,
68.6809

■ 36.1374, 50.4531,
66.8604

■ 74.8176, 70.3932,
68.6821

■ 34.8807, 49.8053,
66.8004

■ 74.8178, 70.3933,
68.6832

■ 34.0845, 49.3948,
66.7620

■ 74.8181, 70.3934,
68.6844

■ 33.6799, 49.1863,
66.7419

■ 74.8183, 70.3935,
68.6856

■ 33.5747, 49.1320,
66.7365

■ 74.8185, 70.3936,
68.6867

Harmonies

Analogous

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



50.8899, 58.1293, 60.7424



51.0309, 58.1293, 67.5619



52.2829, 58.1293, 73.6289

Triad

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



51.0309, 58.1293, 67.5619



58.7502, 58.1293, 72.3482



56.1579, 58.1293, 51.3092

Complementary

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



51.0309, 58.1293, 67.5619



48.5103, 46.5952, 46.4840

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.



58.3276, 58.1293, 53.9726



51.0309, 58.1293, 67.5619



59.8527, 58.1293, 65.9139

Square

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



51.0309, 58.1293, 67.5619



56.7213, 58.1293, 76.5260



59.6958, 58.1293, 59.2077



53.8047, 58.1293, 51.6807

Rectangle

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



51.0309, 58.1293, 67.5619



53.5998, 58.1293, 76.2792



59.6958, 58.1293, 59.2077



56.9341, 58.1293, 51.8711

Sweetspot

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



51.0326, 58.1317, 67.5632



90.5136, 97.6614, 108.6868



47.5329, 56.7460, 48.4934



19.2424, 20.8359, 23.2573



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.



51.0326, 58.1317, 67.5632



79.4159, 91.9404, 108.1648



47.3615, 50.7890, 66.3412



12.1584, 13.4071, 15.1904



21.1526, 30.9540, 42.0452



1.1827, 1.7308, 2.3510

Inverse Universe

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



48.5103, 46.5952, 46.4840



74.6520, 70.1511, 68.3521



51.7769, 53.1288, 47.5715



11.8088, 11.8083, 12.2691



16.2125, 8.3578, 0.7592



0.9065, 0.4673, 0.0425

Previews

White Background



This preview shows how the XYZ color 51.0309, 58.1293, 67.5619 looks on a white background.

Color Contrast Check

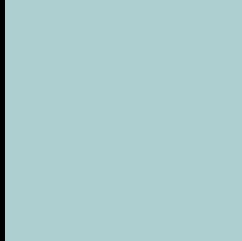
Large Text (above 18pt) WCAG AA × Fail

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 51.0309, 58.1293, 67.5619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

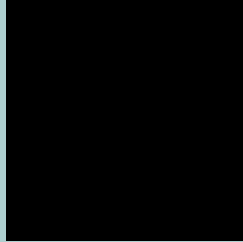
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0309, 58.1293, 67.5619

Background



This preview shows how black text looks on a background with the XYZ color 51.0309, 58.1293, 67.5619.

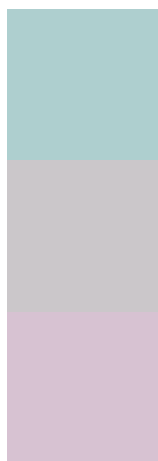


This preview shows how white text looks on a background with the XYZ color 51.0309, 58.1293,

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

51.0309, 58.1293, 67.5619

Protanopia

55.7127, 57.8076, 64.0987

Deuteranopia

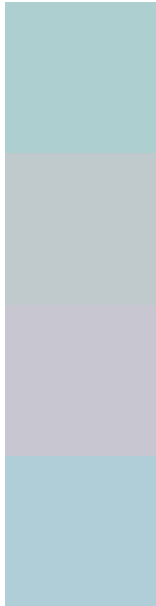
58.9490, 57.6838, 68.9999



Tritanopia

53.0139, 58.2302, 76.8520

Trichromacy



Original Color

51.0309, 58.1293, 67.5619

Protanomaly

53.7578, 57.8072, 65.4513

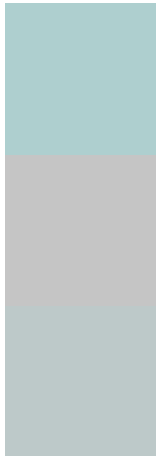
Deuteranomaly

55.7515, 57.7297, 68.5261

Tritanomaly

52.3705, 58.3306, 73.4645

Monochromacy



Original Color

51.0309, 58.1293, 67.5619

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4155, 56.8092, 63.4610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0309, 58.1293, 67.5619 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(174, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(174, 207, 207)  
}
```

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(174, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 207, 207) }
```

Border

The CSS property to change the border of an element to XYZ 51.0309, 58.1293, 67.5619 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(174, 207, 207) }
```


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

```
.border{ border-color:rgb(174, 207, 207) }
```

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

Here you see how a box with a 4 pixel rgb(174, 207, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(174, 207,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0309, 58.1293, 67.5619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 207, 207) }
```

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

```
.background{ background-color: rgb(174,  
207, 207) }
```

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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