

Converting Colors

XYZ(58.1054, 67.1121, 82.5293)

Have a look what the booklet for
XYZ(58.1054, 67.1121, 82.5293)
contains.

XYZ(58.1179, 67.1357, 82.5684)	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(58.1179, 67.1357,
82.5684)**

Conversions

Conversions Part 1

Format	Color
Hex	B1DEE3
RGB	177, 222, 227
RGB Percent	69%, 87%, 89%
CMY	0.3059, 0.1294, 0.1098
CMYK	0.22, 0.02, 0.00, 0.11
HSL	186°, 47%, 79%
HSV	186°, 22%, 89%
XYZ	58.1179, 67.1357, 82.5684
YIQ	209.1150, -28.4250, -7.9850

Conversions

Conversions Part 2

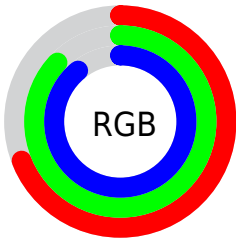
Format	Color
RYB	177, 201, 227
Decimal	11656931
CIELab	85.57, -13.43, -7.26
CIElCh	86, 15.262, 208.390
Yxy	67.1357, 0.2797, 0.3230
Android (android.graphics.Color)	4289847011 (0xFFB1DEE3)
YUV	209.1150, 8.8173, -28.1649
Hunter-Lab	81.9364, -16.7777, -2.3919

Details

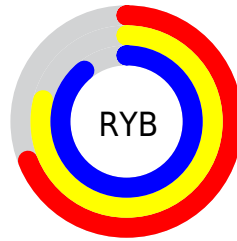
The XYZ color **58.1179, 67.1357, 82.5684** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.3431, 52.9615, 48.8494**, and the grayscale version is **60.6385, 63.7965, 69.4743**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **29.4335, 34.8269, 44.2007** is the 20% darker color. If you saturate the color by 10%, you get **52.7733, 63.4936, 82.1482**, and if you desaturate by 10%, it is **64.3346, 71.2429, 83.0346**.

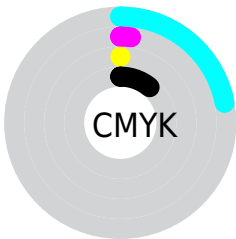
Distribution



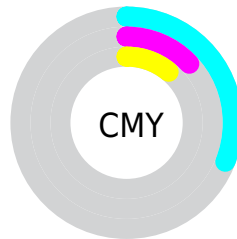
- Red (69%)
- Green (87%)
- Blue (89%)



- Red (69%)
- Yellow (79%)
- Blue (89%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1179, 67.1357, 82.5684 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 58.1179, 67.1357, 82.5684 by changing the saturation by 10% instead.

■ 58.1179, 67.1357,
82.5684

■ 58.1179, 67.1357,
82.5684

407.5719,
450.4276, 523.4803

■ 42.1471, 49.1949,
61.2956

■ 101.2165,
115.1148, 138.8146

■ 29.4081, 34.7741,
44.0317

129.0750,
145.9220, 174.6252

■ 19.5356, 23.4889,
30.3580

161.6267,
181.7867, 216.1187

■ 12.1642, 14.9549,
19.8562

199.2371,
223.0934, 263.7138

■ 6.9286, 8.7878,
12.1075

242.2715,
270.2264, 317.8289

■ 3.4634, 4.6030,
6.6935

291.0951,

■ 1.4033, 2.0163,

323.5702, 378.8827

3.1956

346.0735,
383.5091, 447.2936

■ 0.2586, 0.6169,
1.1954

■ 0.0000, 0.0000,
0.0000

■ 58.1179, 67.1357,
82.5684

■ 58.1179, 67.1357,
82.5684

■ 52.7733, 63.4936,
82.1482

■ 64.3346, 71.2429,
83.0346

■ 48.2523, 60.2864,
81.7674

■ 71.4571, 75.8274,
83.5441

■ 44.5109, 57.4929,
81.4254

■ 79.5245, 80.9111,
84.1002

■ 41.4982, 55.0871,
81.1198

■ 83.7035, 84.0025,
84.4766

■ 39.1574, 53.0395,
80.8480

■ 84.3430, 85.2814,
84.6898

■ 37.4234, 51.3164,
80.6068

■ 84.9907, 86.5768,
84.9057

■ 36.2176, 49.8775,
80.3926

■ 85.6467, 87.8888,
85.1243

■ 35.5328, 48.8811,
80.2364

■ 86.3110, 89.2174,
85.3458

■ 86.9837, 90.5628,
85.5700

Harmonies

Analogous

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



57.3695, 67.1357, 72.5638



58.1179, 67.1357, 82.5684



60.3763, 67.1357, 90.6139

Triad

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



58.1179, 67.1357, 82.5684



69.6642, 67.1357, 83.5811



63.9981, 67.1357, 55.6108

Complementary

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



58.1179, 67.1357, 82.5684



56.3431, 52.9615, 48.8494

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.



67.3725, 67.1357, 58.0010



58.1179, 67.1357, 82.5684



70.7164, 67.1357, 73.6376

Square

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



58.1179, 67.1357, 82.5684



67.0364, 67.1357, 91.2348



69.8631, 67.1357, 64.3834



60.6898, 67.1357, 57.5420

Rectangle

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



58.1179, 67.1357, 82.5684



62.4769, 67.1357, 93.4641



69.8631, 67.1357, 64.3834



65.1629, 67.1357, 55.9310

Sweetspot

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



58.1199, 67.1384, 82.5699



88.2187, 95.6374, 108.4180



53.9595, 67.6296, 54.0171



18.7624, 20.3930, 23.1973



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.



58.1199, 67.1384, 82.5699



72.6443, 85.3652, 107.2561



52.1540, 55.2066, 80.5813



14.6779, 16.0772, 18.4739



20.7717, 28.6054, 46.8098



1.5707, 2.1854, 3.4710

Inverse Universe

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



60.5871, 53.0507, 76.1568



76.3744, 64.3268, 97.5020



61.7271, 63.7295, 50.6441



14.9298, 14.5891, 17.8305



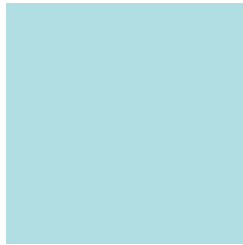
24.8781, 12.0854, 34.5825



1.8565, 0.9003, 2.6507

Previews

White Background



This preview shows how the XYZ color 58.1179, 67.1357, 82.5684 looks on a white background.

Color Contrast Check

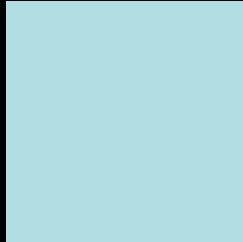
Large Text (above 18pt) WCAG AA × Fail

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 58.1179, 67.1357, 82.5684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

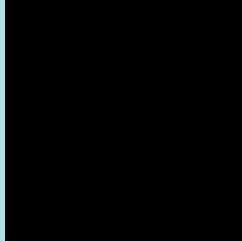
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1179, 67.1357, 82.5684

Background



This preview shows how black text looks on a background with the XYZ color 58.1179, 67.1357, 82.5684.



This preview shows how white text looks on a background with the XYZ color 58.1179, 67.1357,

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

58.1179, 67.1357, 82.5684

Protanopia

64.6190, 66.7545, 77.8857

Deuteranopia

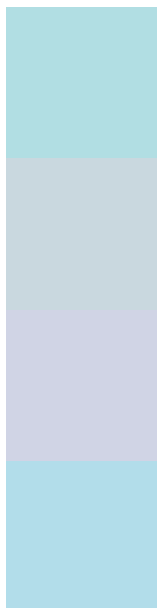
67.9598, 66.5076, 84.1183



Tritanopia

59.6162, 66.9432, 90.6681

Trichromacy



Original Color

58.1179, 67.1357, 82.5684

Protanomaly

61.9625, 66.8570, 79.4509

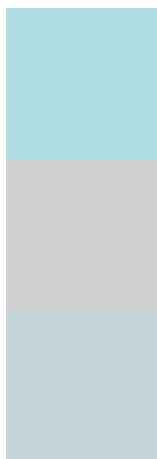
Deuteranomaly

63.6988, 66.1540, 83.5405

Tritanomaly

59.0678, 67.1184, 87.6838

Monochromacy



Original Color

58.1179, 67.1357, 82.5684

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.4672, 64.9213, 74.3626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1179, 67.1357, 82.5684 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(177, 222, 227)` looks like.

```
.text, #text, p{  
    color:rgb(177, 222, 227)  
}
```

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(177, 222, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 222, 227) }
```

Border

The CSS property to change the border of an element to XYZ 58.1179, 67.1357, 82.5684 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(177, 222, 227) }
```


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

```
.border{ border-color:rgb(177, 222, 227) }
```

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

Here you see how a box with a 4 pixel rgb(177, 222, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 222, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 222, 227);  
box-shadow:4px 4px 4px 4px rgb(177, 222,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1179, 67.1357, 82.5684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 222, 227) }
```

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

```
.background{ background-color: rgb(177,  
222, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor