

Converting Colors

XYZ(59.3780, 68.0674, 81.4890)

Have a look what the booklet for
XYZ(59.3780, 68.0674, 81.4890)
contains.

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Color

**XYZ(59.5067, 68.2789,
81.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	B7DFE1
RGB	183, 223, 225
RGB Percent	72%, 87%, 88%
CMY	0.2823, 0.1255, 0.1176
CMYK	0.19, 0.01, 0.00, 0.12
HSL	183°, 41%, 80%
HSV	183°, 19%, 88%
XYZ	59.5067, 68.2789, 81.2770
YIQ	211.2680, -24.4820, -7.8580

Conversions

Conversions Part 2

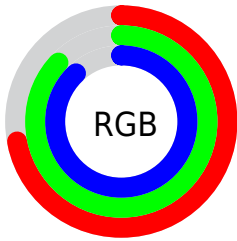
Format	Color
RYB	183, 203, 225
Decimal	12050401
CIELab	86.15, -12.54, -5.31
CIELCh	86, 13.623, 202.953
Yxy	68.2789, 0.2846, 0.3266
Android (android.graphics.Color)	4290240481 (0xFFB7DFE1)
YUV	211.2680, 6.7699, -24.7910
Hunter-Lab	82.6310, -16.0577, -0.4767

Details

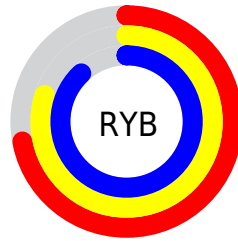
The XYZ color **59.5067, 68.2789, 81.2770** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.9481, 54.1243, 52.2465**, and the grayscale version is **62.0638, 65.2960, 71.1073**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **30.3116, 35.5747, 43.2992** is the 20% darker color. If you saturate the color by 10%, you get **54.2926, 65.1697, 80.9528**, and if you desaturate by 10%, it is **65.5821, 71.8384, 81.6449**.

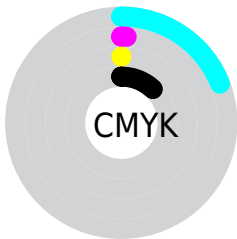
Distribution



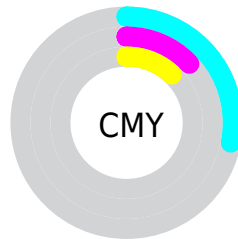
- Red (72%)
- Green (87%)
- Blue (88%)



- Red (72%)
- Yellow (80%)
- Blue (88%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5067, 68.2789, 81.2770 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 59.5067, 68.2789, 81.2770 by changing the saturation by 10% instead.

■ 59.5067, 68.2789,
81.2770

■ 59.5067, 68.2789,
81.2770

412.6410,
454.4835, 519.0459

■ 43.2691, 50.1247,
60.2374

■ 103.2242,
116.7510, 136.9872

■ 30.2917, 35.5125,
43.1835

131.4347,
147.8377, 172.4949

■ 20.2093, 24.0579,
29.6966

164.3670,
184.0040, 213.6624

■ 12.6564, 15.3766,
19.3583

202.3863,
225.6344, 260.9083

■ 7.2677, 9.0841,
11.7501

245.8580,
273.1131, 314.6510

■ 3.6779, 4.7961,
6.4533

295.1474,

■ 1.5216, 2.1281,

326.8246, 375.3092

3.0494

350.6200,
387.1533, 443.3013

■ 0.3405, 0.6804,
1.1199

■ 0.0000, 0.0000,
0.0000

■ 59.5067, 68.2789,
81.2770

■ 59.5067, 68.2789,
81.2770

■ 54.2926, 65.1697,
80.9528

■ 65.5821, 71.8384,
81.6449

■ 49.8932, 62.4814,
80.6658


■ 72.5507, 75.8592,
82.0537


■ 46.2667, 60.1942,
80.4154


■ 80.4501, 80.3625,
82.5066


■ 43.3651, 58.2834,
80.1995


■ 82.3776, 81.7899,
82.6806


 41.1351, 56.7215,
80.0156


 82.6716, 82.3779,
82.7786


 39.5160, 55.4772,
79.8607


 82.9675, 82.9696,
82.8772


 38.4362, 54.5135,
79.7317

 83.2651, 83.5649,
82.9764

 37.7880, 53.7750,
79.6233

 83.5646, 84.1639,
83.0762

 37.7143, 53.6832,
79.6094

 83.8659, 84.7665,
83.1767

Harmonies

Analogous

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



59.1004, 68.2789, 72.2477



59.5067, 68.2789, 81.2770



61.3351, 68.2789, 88.9812

Triad

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



59.5067, 68.2789, 81.2770



69.8246, 68.2789, 85.2296



65.6388, 68.2789, 58.5034

Complementary

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



59.5067, 68.2789, 81.2770



56.9481, 54.1243, 52.2465

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.



68.5943, 68.2789, 61.4073



59.5067, 68.2789, 81.2770



71.0608, 68.2789, 76.4807

Square

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



59.5067, 68.2789, 81.2770



67.2747, 68.2789, 91.3883



70.6035, 68.2789, 67.8171



62.5761, 68.2789, 59.5629

Rectangle

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



59.5067, 68.2789, 81.2770



63.1471, 68.2789, 92.0878



70.6035, 68.2789, 67.8171



66.6790, 68.2789, 59.0399

Sweetspot

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



59.5087, 68.2817, 81.2785



89.4118, 96.7495, 108.5698



55.1485, 67.3964, 55.6709



19.0121, 20.6356, 23.2310



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.



59.5087, 68.2817, 81.2785



76.4916, 89.1784, 107.7893



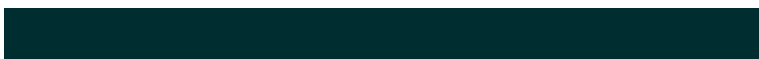
54.3818, 58.0279, 79.5696



14.0578, 15.4547, 17.6298



21.7575, 30.9846, 45.8822



1.5256, 2.1826, 3.1861

Inverse Universe

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



61.3057, 55.2036, 77.2395



79.2639, 69.1102, 101.5340



61.5269, 63.2819, 53.7727



14.2654, 13.9238, 17.1678



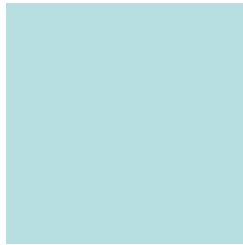
24.9224, 12.0360, 37.8526



1.7363, 0.8378, 2.6701

Previews

White Background



This preview shows how the XYZ color 59.5067, 68.2789, 81.2770 looks on a white background.

Color Contrast Check

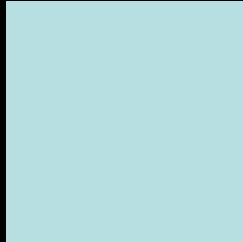
Large Text (above 18pt) WCAG AA × Fail

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 59.5067, 68.2789, 81.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

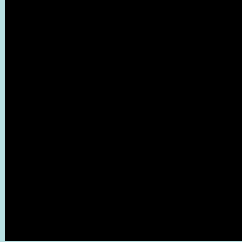
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

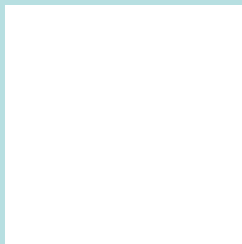
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5067, 68.2789, 81.2770

Background



This preview shows how black text looks on a background with the XYZ color 59.5067, 68.2789, 81.2770.

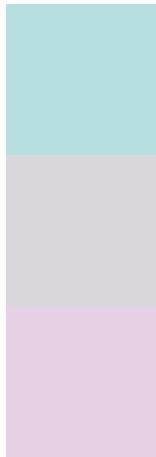


This preview shows how white text looks on a background with the XYZ color 59.5067, 68.2789,

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

59.5067, 68.2789, 81.2770

Protanopia

65.5801, 68.0122, 77.3814

Deuteranopia

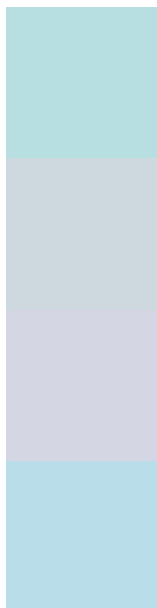
69.4372, 68.0254, 82.8693



Tritanopia

61.6861, 68.3840, 91.6096

Trichromacy



Original Color

59.5067, 68.2789, 81.2770

Protanomaly

63.1745, 67.8788, 78.8795

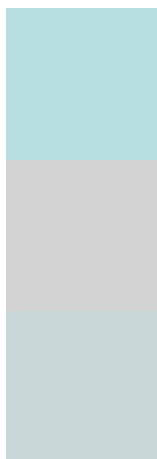
Deuteranomaly

65.3523, 67.7853, 82.3125

Tritanomaly

60.9801, 68.4974, 87.8492

Monochromacy



Original Color

59.5067, 68.2789, 81.2770

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.7825, 65.9763, 74.4969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5067, 68.2789, 81.2770 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(183, 223, 225)` looks like.

```
.text, #text, p{  
    color:rgb(183, 223, 225)  
}
```

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(183, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 223, 225) }
```

Border

The CSS property to change the border of an element to XYZ 59.5067, 68.2789, 81.2770 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(183, 223, 225) }
```


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

```
.border{ border-color:rgb(183, 223, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 223, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 223, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 223, 225);  
box-shadow:4px 4px 4px 4px rgb(183, 223,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5067, 68.2789, 81.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 223, 225) }
```

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

```
.background{ background-color: rgb(183,  
223, 225) }
```

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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