

Converting Colors

XYZ(59.3248, 67.4587, 81.9344)

Have a look what the booklet for
XYZ(59.3248, 67.4587, 81.9344)
contains.

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Color

**XYZ(59.3511, 67.3942,
81.8318)**

Conversions

Conversions Part 1

Format	Color
Hex	B8DDE2
RGB	184, 221, 226
RGB Percent	72%, 87%, 89%
CMY	0.2784, 0.1333, 0.1137
CMYK	0.19, 0.02, 0.00, 0.11
HSL	187°, 42%, 80%
HSV	187°, 19%, 89%
XYZ	59.3511, 67.3942, 81.8318
YIQ	210.5070, -23.6570, -6.2890

Conversions

Conversions Part 2

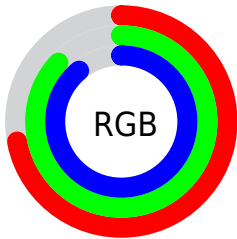
Format	Color
RYB	184, 204, 226
Decimal	12115426
CIELab	85.70, -11.01, -6.49
CIELCh	86, 12.777, 210.518
Yxy	67.3942, 0.2846, 0.3231
Android (android.graphics.Color)	4290305506 (0xFFB8DDE2)
YUV	210.5070, 7.6380, -23.2466
Hunter-Lab	82.0940, -14.6151, -1.6349

Details

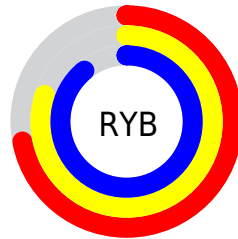
The XYZ color **59.3511, 67.3942, 81.8318** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.2140, 56.0249, 53.0944**, and the grayscale version is **61.5559, 64.7616, 70.5253**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **30.1928, 34.9585, 43.6844** is the 20% darker color. If you saturate the color by 10%, you get **53.6601, 63.4166, 81.3651**, and if you desaturate by 10%, it is **65.9223, 71.8460, 82.3458**.

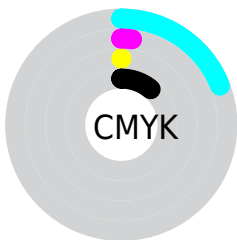
Distribution



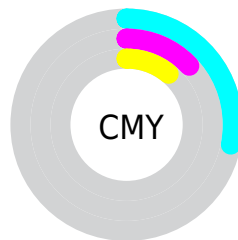
- Red (72%)
- Green (87%)
- Blue (89%)



- Red (72%)
- Yellow (80%)
- Blue (89%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (28%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3511, 67.3942, 81.8318 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 59.3511, 67.3942, 81.8318 by changing the saturation by 10% instead.

■ 59.3511, 67.3942,
81.8318

■ 59.3511, 67.3942,
81.8318

412.0750,
451.3466, 520.9536

■ 43.1433, 49.4050,
60.6919

■ 102.9995,
115.4851, 137.7727

■ 30.1926, 34.9409,
43.5476

131.1708,
146.3556, 173.4107

■ 20.1336, 23.6174,
29.9804

164.0606,
182.2887, 214.7185

■ 12.6010, 15.0500,
19.5718

202.0343,
223.6688, 262.1147

■ 7.2295, 8.8545,
11.9032

245.4572,
270.8802, 316.0178

■ 3.6536, 4.6464,
6.5561

294.6947,

■ 1.5081, 2.0413,

324.3074, 376.8462

3.1118

350.1122,
384.3347, 445.0187

■ 0.3313, 0.6313,
1.1520

■ 0.0000, 0.0000,
0.0000

■ 59.3511, 67.3942,
81.8318

■ 59.3511, 67.3942,
81.8318

■ 53.6601, 63.4166,
81.3651

■ 65.9223, 71.8460,
82.3458

■ 48.8024, 59.8835,
80.9392

■ 73.4060, 76.7834,
82.9044

■ 44.7355, 56.7749,
80.5535

■ 81.8403, 82.2280,
83.5108

■ 41.4110, 54.0657,
80.2058

■ 83.7569, 84.3296,
83.8154

■ 38.7749, 51.7279,
79.8935

■ 84.5187, 85.8530,
84.0693

■ 36.7659, 49.7299,
79.6137

■ 85.2920, 87.3997,
84.3271

■ 35.3117, 48.0342,
79.3631

■ 86.0770, 88.9698,
84.5888

■ 34.3046, 46.5855,
79.1365

■ 86.8738, 90.5633,
84.8544

■ 34.1767, 46.3892,
79.1053

■ 87.6823, 92.1804,
85.1239

Harmonies

Analogous

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



58.6169, 67.3942, 73.5259



59.3511, 67.3942, 81.8318



61.3389, 67.3942, 88.2493

Triad

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



59.3511, 67.3942, 81.8318



69.0568, 67.3942, 81.5620



64.0056, 67.3942, 58.4807

Complementary

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



59.3511, 67.3942, 81.8318



58.2140, 56.0249, 53.0944

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.



66.8525, 67.3942, 60.2838



59.3511, 67.3942, 81.8318



69.8219, 67.3942, 73.2359

Square

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



59.3511, 67.3942, 81.8318



66.9428, 67.3942, 88.0855



69.0035, 67.3942, 65.5327



61.2538, 67.3942, 60.4111

Rectangle

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



59.3511, 67.3942, 81.8318



63.1379, 67.3942, 90.3673



69.0035, 67.3942, 65.5327



64.9833, 67.3942, 58.6687

Sweetspot

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



59.3531, 67.3970, 81.8333



89.0654, 96.0568, 108.4543



56.1393, 68.2541, 58.3041



18.9300, 20.4713, 23.2036



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.



59.3531, 67.3970, 81.8333



75.2441, 86.6833, 107.3735



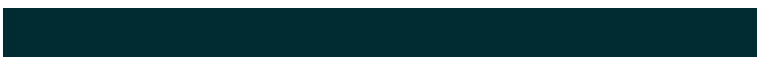
54.1734, 57.0376, 80.1068



13.9701, 15.2793, 17.6006



19.5554, 26.5803, 45.1482



1.3953, 1.9221, 3.1427

Inverse Universe

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



61.5573, 55.6717, 75.9110



78.6342, 68.8584, 98.2181



63.0389, 65.6746, 54.7027



14.2211, 13.9061, 16.9346



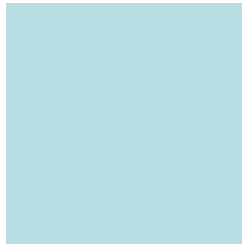
23.8108, 11.5913, 31.9993



1.6705, 0.8115, 2.3239

Previews

White Background



This preview shows how the XYZ color 59.3511, 67.3942, 81.8318 looks on a white background.

Color Contrast Check

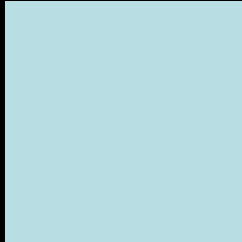
Large Text (above 18pt) WCAG AA × Fail

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 59.3511, 67.3942, 81.8318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

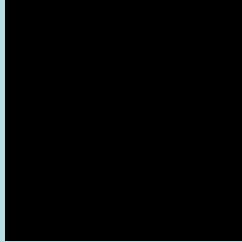
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3511, 67.3942, 81.8318

Background



This preview shows how black text looks on a background with the XYZ color 59.3511, 67.3942, 81.8318.



This preview shows how white text looks on a background with the XYZ color 59.3511, 67.3942,

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

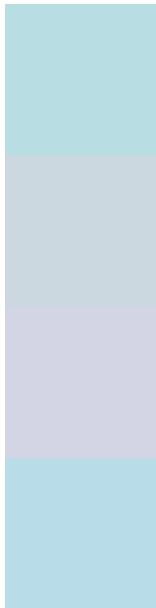




Tritanopia

60.8673, 67.2166, 89.8868

Trichromacy



Original Color

59.3511, 67.3942, 81.8318

Protanomaly

62.7770, 67.2768, 79.4891

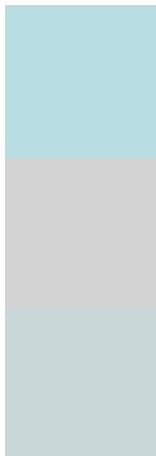
Deuteranomaly

64.9492, 67.1870, 82.9440

Tritanomaly

60.3088, 67.3839, 86.9186

Monochromacy



Original Color

59.3511, 67.3942, 81.8318

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 59.3511, 67.3942, 81.8318 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(184, 221, 226)` looks like.

```
.text, #text, p{  
    color:rgb(184, 221, 226)  
}
```

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(184, 221, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 221, 226) }
```

Border

The CSS property to change the border of an element to XYZ 59.3511, 67.3942, 81.8318 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(184, 221, 226) }
```


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

```
.border{ border-color:rgb(184, 221, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 221, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 221, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 221, 226);  
box-shadow:4px 4px 4px 4px rgb(184, 221,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3511, 67.3942, 81.8318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 221, 226) }
```

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

```
.background{ background-color: rgb(184,  
221, 226) }
```

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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