

Converting Colors

XYZ(59.4040, 68.1612, 81.7309)

Have a look what the booklet for
XYZ(59.4040, 68.1612, 81.7309)
contains.

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Color

**XYZ(59.4065, 68.2114,
81.9866)**

Conversions

Conversions Part 1

Format	Color
Hex	B6DFE2
RGB	182, 223, 226
RGB Percent	71%, 87%, 89%
CMY	0.2863, 0.1255, 0.1137
CMYK	0.19, 0.01, 0.00, 0.11
HSL	184°, 43%, 80%
HSV	184°, 19%, 89%
XYZ	59.4065, 68.2114, 81.9866
YIQ	211.0830, -25.3990, -7.7590

Conversions

Conversions Part 2

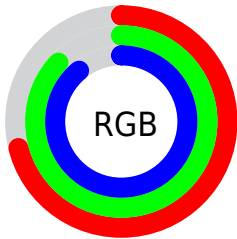
Format	Color
R _Y B	182, 203, 226
Decimal	11984866
CIE Lab	86.11, -12.64, -5.90
CIE LCh	86, 13.947, 205.013
Yxy	68.2114, 0.2834, 0.3254
Android (android.graphics.Color)	4290174946 (0xFFB6DFE2)
YUV	211.0830, 7.3541, -25.5058
Hunter-Lab	82.5902, -16.1391, -1.0436

Details

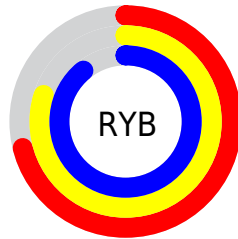
The XYZ color **59.4065, 68.2114, 81.9866** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.1570, 54.2441, 51.7148**, and the grayscale version is **61.9382, 65.1638, 70.9634**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **30.2554, 35.5347, 43.7923** is the 20% darker color. If you saturate the color by 10%, you get **54.0850, 64.8620, 81.6217**, and if you desaturate by 10%, it is **65.5970, 72.0179, 82.3962**.

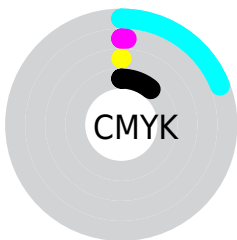
Distribution



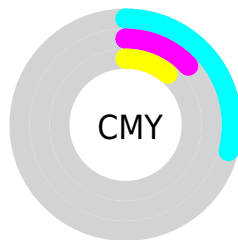
- Red (71%)
- Green (87%)
- Blue (89%)



- Red (71%)
- Yellow (80%)
- Blue (89%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4065, 68.2114, 81.9866 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 59.4065, 68.2114, 81.9866 by changing the saturation by 10% instead.

■ 59.4065, 68.2114,
81.9866

■ 59.4065, 68.2114,
81.9866

412.2766,
454.2447, 521.4851

■ 43.1881, 50.0697,
60.8187

■ 103.0795,
116.6545, 137.9917

■ 30.2279, 35.4688,
43.6493

131.2648,
147.7248, 173.6661

■ 20.1605, 24.0242,
30.0597

164.1697,
183.8733, 215.0130

■ 12.6207, 15.3516,
19.6315

202.1596,
225.4846, 262.4510

■ 7.2431, 9.0665,
11.9460

245.5999,
272.9430, 316.3987

■ 3.6623, 4.7846,
6.5849

294.8559,

■ 1.5129, 2.1214,

326.6328, 377.2746

3.1294

350.2930,
386.9386, 445.4972

■ 0.3346, 0.6766,
1.1611

■ 0.0000, 0.0000,
0.0000

■ 59.4065, 68.2114,
81.9866

■ 59.4065, 68.2114,
81.9866

■ 54.0850, 64.8620,
81.6217

■ 65.5970, 72.0179,
82.3962

■ 49.5855, 61.9401,
81.2949


■ 72.6892, 76.2930,
82.8475


■ 45.8651, 59.4254,
81.0056


■ 80.7211, 81.0581,
83.3440


■ 42.8750, 57.2927,
80.7515


■ 83.0319, 82.8795,
83.5737


 40.5608, 55.5139,
80.5301


 83.4602, 83.7360,
83.7165

 38.8604, 54.0571,
80.3385


 83.8922, 84.6001,
83.8605


 37.7003, 52.8842,
80.1733

 84.3280, 85.4718,
84.0058

 36.9598, 51.9330,
80.0287

 84.7677, 86.3511,
84.1523

 36.9245, 51.8847,
80.0213

 85.2112, 87.2380,
84.3002

Harmonies

Analogous

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



58.8847, 68.2114, 72.7466



59.4065, 68.2114, 81.9866



61.3627, 68.2114, 89.6907

Triad

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



59.4065, 68.2114, 81.9866



70.0145, 68.2114, 84.8584



65.3702, 68.2114, 58.0376

Complementary

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



59.4065, 68.2114, 81.9866



57.1570, 54.2441, 51.7148

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.



68.4315, 68.2114, 60.7277



59.4065, 68.2114, 81.9866



71.1687, 68.2114, 75.8157

Square

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



59.4065, 68.2114, 81.9866



67.4739, 68.2114, 91.4421



70.5801, 68.2114, 67.0546



62.2617, 68.2114, 59.3958

Rectangle

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



59.4065, 68.2114, 81.9866



63.2521, 68.2114, 92.6594



70.5801, 68.2114, 67.0546



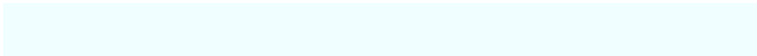
66.4398, 68.2114, 58.4915

Sweetspot

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



59.4085, 68.2142, 81.9881



89.3118, 96.5497, 108.5365



55.2388, 67.8390, 56.0461



18.9884, 20.5882, 23.2231



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.



59.4085, 68.2142, 81.9881



75.4049, 88.0003, 107.6192



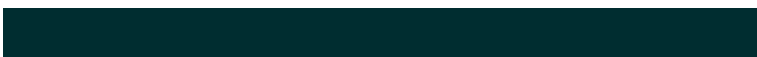
53.9222, 57.2417, 80.1594



14.0325, 15.4041, 17.6214



21.1007, 29.6710, 45.6633



1.4869, 2.1054, 3.1732

Inverse Universe

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



61.4128, 54.9537, 77.1856



78.4723, 67.8633, 100.2339



62.1054, 64.1407, 53.3642



14.2526, 13.9187, 17.1004



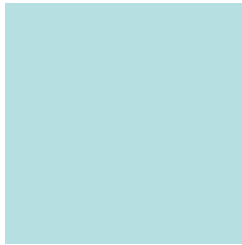
24.5909, 11.9034, 36.1069



1.7168, 0.8300, 2.5675

Previews

White Background



This preview shows how the XYZ color 59.4065, 68.2114, 81.9866 looks on a white background.

Color Contrast Check

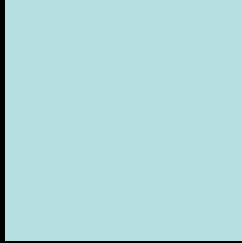
Large Text (above 18pt) WCAG AA × Fail

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 59.4065, 68.2114, 81.9866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

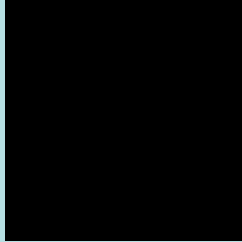
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

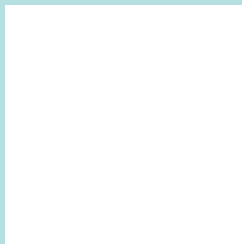
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4065, 68.2114, 81.9866

Background



This preview shows how black text looks on a background with the XYZ color 59.4065, 68.2114, 81.9866.

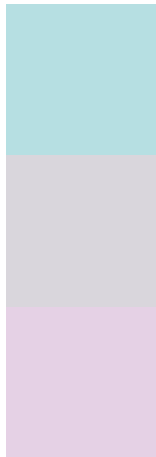


This preview shows how white text looks on a background with the XYZ color 59.4065, 68.2114,

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

59.4065, 68.2114, 81.9866

Protanopia

65.5801, 68.0122, 77.3814

Deuteranopia

69.2564, 67.9161, 83.5876



Tritanopia

61.4440, 68.2592, 91.5982

Trichromacy



Original Color

59.4065, 68.2114, 81.9866

Protanomaly

62.8995, 67.7370, 78.8666

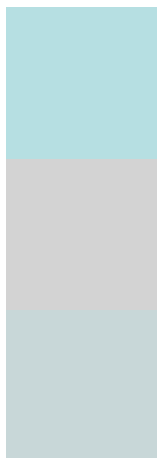
Deuteranomaly

65.2015, 67.6916, 83.0281

Tritanomaly

60.7397, 68.3734, 87.8380

Monochromacy



Original Color

59.4065, 68.2114, 81.9866

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.5145, 65.8381, 74.4843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4065, 68.2114, 81.9866 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(182, 223, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 223, 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(182, 223, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 223, 226) }
```

Border

The CSS property to change the border of an element to XYZ 59.4065, 68.2114, 81.9866 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(182, 223, 226) }
```


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

```
.border{ border-color:rgb(182, 223, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 223, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 223, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 223, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 223,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4065, 68.2114, 81.9866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 223, 226) }
```

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

```
.background{ background-color: rgb(182,  
223, 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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