

Converting Colors

XYZ(59.0074, 67.4334, 81.9695)

Have a look what the booklet for
XYZ(59.0074, 67.4334, 81.9695)
contains.

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Color

**XYZ(59.1401, 67.6786,
81.8978)**

Conversions

Conversions Part 1

Format	Color
Hex	B6DEE2
RGB	182, 222, 226
RGB Percent	71%, 87%, 89%
CMY	0.2863, 0.1294, 0.1137
CMYK	0.19, 0.02, 0.00, 0.11
HSL	185°, 43%, 80%
HSV	185°, 19%, 89%
XYZ	59.1401, 67.6786, 81.8978
YIQ	210.4960, -25.1240, -7.2360

Conversions

Conversions Part 2

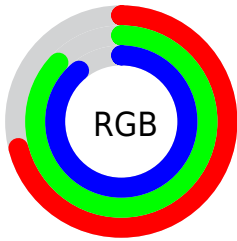
Format	Color
R _Y B	182, 203, 226
Decimal	11984610
CIE Lab	85.85, -12.13, -6.29
CIE LCh	86, 13.664, 207.412
Yxy	67.6786, 0.2834, 0.3243
Android (android.graphics.Color)	4290174690 (0xFFB6DDE2)
YUV	210.4960, 7.6435, -24.9910
Hunter-Lab	82.2670, -15.6472, -1.4370

Details

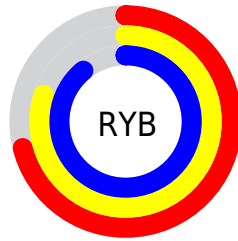
The XYZ color **59.1401, 67.6786, 81.8978** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.3670, 54.6640, 51.7848**, and the grayscale version is **61.5492, 64.7546, 70.5178**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **30.0715, 35.1669, 43.7310** is the 20% darker color. If you saturate the color by 10%, you get **53.6861, 64.0641, 81.4887**, and if you desaturate by 10%, it is **65.4661, 71.7560, 82.3525**.

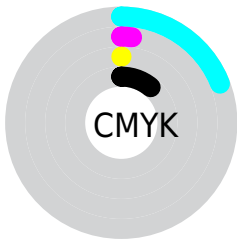
Distribution



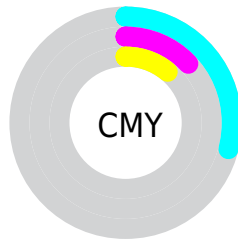
- Red (71%)
- Green (87%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1401, 67.6786, 81.8978 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 59.1401, 67.6786, 81.8978 by changing the saturation by 10% instead.

■ 59.1401, 67.6786,
81.8978

■ 59.1401, 67.6786,
81.8978

411.3066,
452.3564, 521.1802

■ 42.9727, 49.6363,
60.7460

■ 102.6947,
115.8922, 137.8661

■ 30.0581, 35.1245,
43.5910

130.8127,
146.8324, 173.5196

■ 20.0310, 23.7588,
30.0142

163.6448,
182.8406, 214.8441

■ 12.5260, 15.1548,
19.5973

201.5566,
224.3012, 262.2581

■ 7.1777, 8.9281,
11.9215

244.9133,
271.5988, 316.1802

■ 3.6208, 4.6943,
6.5683

294.0803,

■ 1.4899, 2.0690,

325.1175, 377.0289

3.1193

349.4230,
385.2420, 445.2227

■ 0.3190, 0.6471,
1.1559

■ 0.0000, 0.0000,
0.0000

■ 59.1401, 67.6786,
81.8978

■ 59.1401, 67.6786,
81.8978

■ 53.6861, 64.0641,
81.4887

■ 65.4661, 71.7560,
82.3525

■ 49.0568, 60.8828,
81.1186

■ 72.6966, 76.3078,
82.8500

■ 45.2096, 58.1145,
80.7871

■ 80.8698, 81.3556,
83.3935

■ 42.0956, 55.7340,
80.4917

■ 83.3249, 83.4655,
83.6714

■ 39.6604, 53.7130,
80.2300

■ 83.9003, 84.6164,
83.8632

■ 37.8417, 52.0196,
79.9990

■ 84.4825, 85.7808,
84.0573

■ 36.5662, 50.6158,
79.7952

■ 85.0715, 86.9587,
84.2536

■ 35.7130, 49.4395,
79.6131

■ 85.6673, 88.1503,
84.4522

■ 35.6718, 49.3793,
79.6037

■ 86.2699, 89.3555,
84.6531

Harmonies

Analogous

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



58.5104, 67.6786, 72.9165



59.1401, 67.6786, 81.8978



61.1452, 67.6786, 89.1564

Triad

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



59.1401, 67.6786, 81.8978



69.5215, 67.6786, 83.3497



64.5981, 67.6786, 57.8063

Complementary

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



59.1401, 67.6786, 81.8978



57.3670, 54.6640, 51.7848

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.



67.6162, 67.6786, 60.1253



59.1401, 67.6786, 81.8978



70.5157, 67.6786, 74.4699

Square

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



59.1401, 67.6786, 81.8978



67.1318, 67.6786, 90.0412



69.8075, 67.6786, 66.0507



61.6004, 67.6786, 59.4497

Rectangle

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



59.1401, 67.6786, 81.8978



63.0263, 67.6786, 91.7875



69.8075, 67.6786, 66.0507



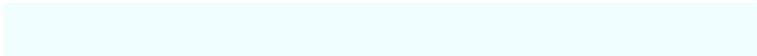
65.6445, 67.6786, 58.1437

Sweetspot

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



59.1421, 67.6814, 81.8993



89.2016, 96.3292, 108.4997



55.3164, 67.8700, 56.4547



18.9623, 20.5359, 23.2144



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.



59.1421, 67.6814, 81.8993



74.9899, 87.1703, 107.4809



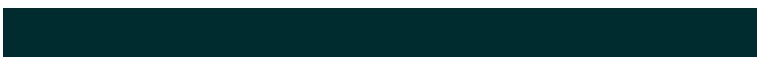
53.7516, 56.9004, 80.1025



14.0046, 15.3482, 17.6121



20.3965, 28.2625, 45.4286



1.4453, 2.0221, 3.1594

Inverse Universe

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



61.2783, 54.9000, 76.4775



78.2629, 67.7795, 99.1309



62.2834, 64.4968, 53.4236



14.2385, 13.9130, 17.0262



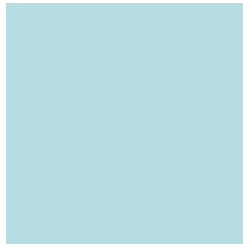
24.2354, 11.7612, 34.2350



1.6958, 0.8216, 2.4569

Previews

White Background



This preview shows how the XYZ color 59.1401, 67.6786, 81.8978 looks on a white background.

Color Contrast Check

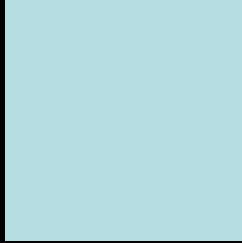
Large Text (above 18pt) WCAG AA × Fail

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 59.1401, 67.6786, 81.8978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

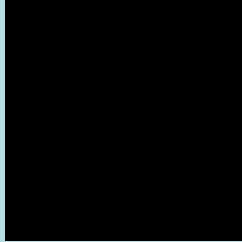
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1401, 67.6786, 81.8978

Background



This preview shows how black text looks on a background with the XYZ color 59.1401, 67.6786, 81.8978.

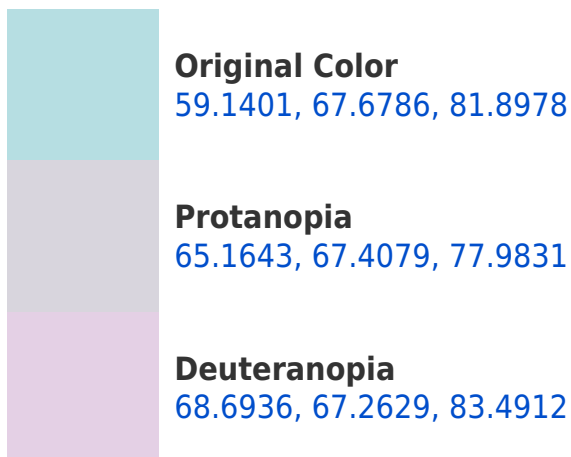


This preview shows how white text looks on a background with the XYZ color 59.1401, 67.6786,

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

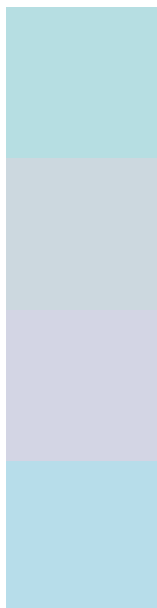




Tritanopia

60.7930, 67.5498, 90.7232

Trichromacy



Original Color

59.1401, 67.6786, 81.8978

Protanomaly

62.7770, 67.2768, 79.4891

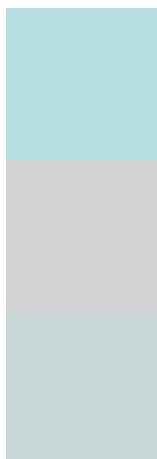
Deuteranomaly

64.6618, 67.0388, 82.9305

Tritanomaly

60.2362, 67.7207, 87.7385

Monochromacy



Original Color

59.1401, 67.6786, 81.8978

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.2607, 65.3304, 74.3997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1401, 67.6786, 81.8978 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, 222, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 222, 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, 222, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 222, 226) }
```

Border

The CSS property to change the border of an element to XYZ 59.1401, 67.6786, 81.8978 is called "border". The border property can be set on classes, ids or directly on the HTML element.

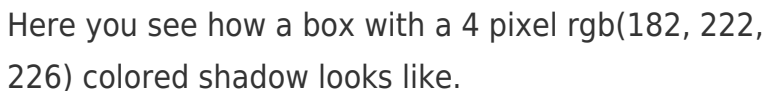
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 222, 226) }
```


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

```
.border{ border-color:rgb(182, 222, 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, 222, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 222, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 222, 226); box-shadow:4px 4px 4px 4px rgb(182, 222, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1401, 67.6786, 81.8978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 222, 226) }
```

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

```
.background{ background-color: rgb(182,  
222, 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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