

Converting Colors

XYZ(58.0365, 64.1400, 86.4708)

Have a look what the booklet for
XYZ(58.0365, 64.1400, 86.4708)
contains.

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Color

**XYZ(58.0645, 64.3078,
86.4431)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D7E9
RGB	181, 215, 233
RGB Percent	71%, 84%, 91%
CMY	0.2902, 0.1568, 0.0863
CMYK	0.22, 0.08, 0.00, 0.09
HSL	201°, 54%, 81%
HSV	201°, 22%, 91%
XYZ	58.0645, 64.3078, 86.4431
YIQ	206.8860, -26.0420, -1.6100

Conversions

Conversions Part 2

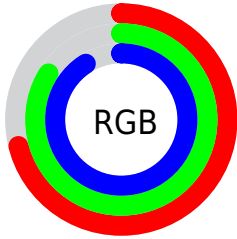
Format	Color
RYB	181, 202, 233
Decimal	11917289
CIELab	84.13, -7.32, -12.56
CIELCh	84, 14.538, 239.763
Yxy	64.3078, 0.2781, 0.3080
Android (android.graphics.Color)	4290107369 (0xFFB5D7E9)
YUV	206.8860, 12.8742, -22.7020
Hunter-Lab	80.1921, -11.0903, -7.7771

Details

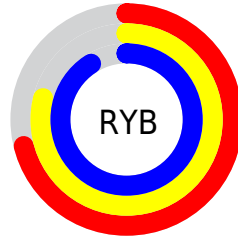
The XYZ color **58.0645, 64.3078, 86.4431** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.3689, 61.5070, 52.3025**, and the grayscale version is **59.1681, 62.2495, 67.7897**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **29.2590, 32.8280, 46.3893** is the 20% darker color. If you saturate the color by 10%, you get **51.0486, 57.7188, 85.5421**, and if you desaturate by 10%, it is **66.0992, 71.5755, 87.4235**.

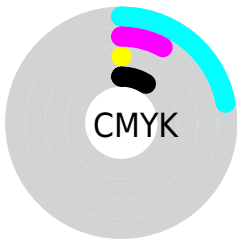
Distribution



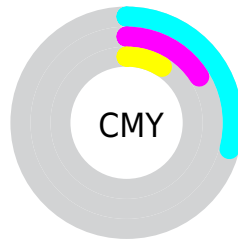
- Red (71%)
- Green (84%)
- Blue (91%)



- Red (71%)
- Yellow (79%)
- Blue (91%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (29%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0645, 64.3078, 86.4431 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 58.0645, 64.3078, 86.4431 by changing the saturation by 10% instead.

■ 58.0645, 64.3078,
86.4431

■ 58.0645, 64.3078,
86.4431

407.3762,
440.3003, 536.6598

■ 42.1040, 46.9000,
64.4774

■ 101.1392,
111.0541, 144.2797

■ 29.3742, 32.9566,
46.5888

128.9841,
141.1614, 180.9877

■ 19.5098, 22.0932,
32.3587

161.5211,
176.2707, 223.4469

■ 12.1454, 13.9254,
21.3686

199.1157,
216.7663, 272.0758

■ 6.9157, 8.0688,
13.1998

242.1331,
263.0327, 327.2930

■ 3.4553, 4.1390,
7.4339

290.9388,

■ 1.3988, 1.7516,

315.4542, 389.5171

3.6524

345.8980,
374.4153, 459.1665

■ 0.2554, 0.4567,
1.4367

■ 0.0000, 0.0000,
0.1701

■ 58.0645, 64.3078,
86.4431

■ 58.0645, 64.3078,
86.4431

■ 51.0486, 57.7188,
85.5421

■ 66.0992, 71.5755,
87.4235

■ 44.9988, 51.7743,
84.7136

■ 75.1905, 79.5387,
88.4814

■ 39.8663, 46.4487,
83.9562

■ 85.3813, 88.2232,
89.6205

■ 35.5953, 41.7109,
83.2668

■ 89.2891, 93.8250,
90.4958

■ 32.1235, 37.5266,
82.6421

■ 91.7082, 98.6633,
91.3022

■ 29.3795, 33.8565,
82.0783

■ 27.2773, 30.6539,
81.5710

■ 25.9945, 28.4560,
81.2143

Harmonies

Analogous

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



55.9157, 64.3078, 79.1744



58.0645, 64.3078, 86.4431



61.0971, 64.3078, 89.2424

Triad

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



58.0645, 64.3078, 86.4431



67.5100, 64.3078, 70.0934



58.1072, 64.3078, 55.7587

Complementary

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



58.0645, 64.3078, 86.4431



62.3689, 61.5070, 52.3025

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.



61.1482, 64.3078, 53.7778



58.0645, 64.3078, 86.4431



66.6432, 64.3078, 61.6004

Square

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



58.0645, 64.3078, 86.4431



66.6161, 64.3078, 79.3119



64.2863, 64.3078, 55.8215



55.9398, 64.3078, 61.4842

Rectangle

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



58.0645, 64.3078, 86.4431



63.2352, 64.3078, 88.0232



64.2863, 64.3078, 55.8215



59.0577, 64.3078, 54.6563

Sweetspot

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



58.0664, 64.3104, 86.4446



86.8458, 92.8917, 107.9604



58.4279, 72.1954, 64.4850



18.4438, 19.7558, 23.0911



0.0000, 0.0000, 0.0000



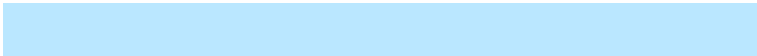
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.0664, 64.3104, 86.4446



66.9598, 74.9252, 105.5406



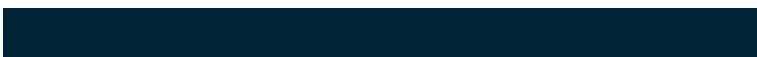
52.1068, 52.3912, 84.4580



15.0534, 16.1932, 19.2545



14.8697, 16.3864, 46.1221



1.2568, 1.4651, 3.6514

Inverse Universe

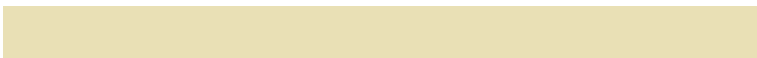
The Inverse Universe completely reimagines the original color for something new.



62.3955, 55.2793, 71.6742



73.2784, 62.2202, 83.8751



68.6913, 74.1517, 54.4099



15.4805, 15.2201, 17.8156



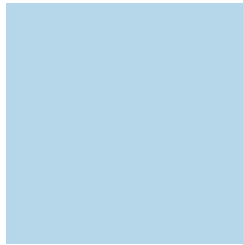
22.3608, 11.1470, 18.2334



1.8009, 0.8933, 1.6689

Previews

White Background



This preview shows how the XYZ color 58.0645, 64.3078, 86.4431 looks on a white background.

Color Contrast Check

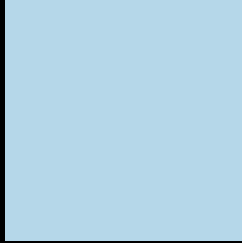
Large Text (above 18pt) WCAG AA × Fail

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 58.0645, 64.3078, 86.4431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

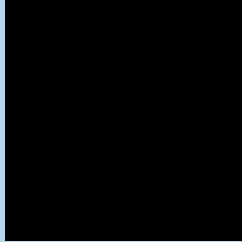
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0645, 64.3078, 86.4431

Background



This preview shows how black text looks on a background with the XYZ color 58.0645, 64.3078, 86.4431.



This preview shows how white text looks on a background with the XYZ color 58.0645, 64.3078,

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

58.0645, 64.3078, 86.4431

Protanopia

62.4309, 64.0343, 83.1981

Deuteranopia

65.5017, 64.0893, 87.5154



Tritanopia

57.9220, 64.2508, 85.6928

Trichromacy



Original Color

58.0645, 64.3078, 86.4431

Protanomaly

60.8659, 64.3075, 84.0675

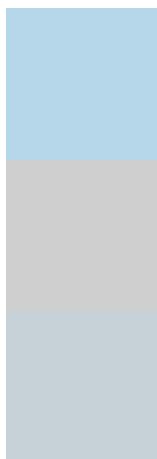
Deuteranomaly

62.5840, 64.0314, 86.9027

Tritanomaly

57.9220, 64.2508, 85.6928

Monochromacy



Original Color

58.0645, 64.3078, 86.4431

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7300, 63.0568, 74.0415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0645, 64.3078, 86.4431 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(181, 215, 233)` looks like.

```
.text, #text, p{  
    color:rgb(181, 215, 233)  
}
```

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(181, 215, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 215, 233) }
```

Border

The CSS property to change the border of an element to XYZ 58.0645, 64.3078, 86.4431 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(181, 215, 233) }
```


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

```
.border{ border-color:rgb(181, 215, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 215, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 215, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 215, 233);  
box-shadow:4px 4px 4px 4px rgb(181, 215,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0645, 64.3078, 86.4431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 215, 233) }
```

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

```
.background{ background-color: rgb(181,  
215, 233) }
```

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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