

Converting Colors

XYZ(58.5515, 64.1865, 85.2042)

Have a look what the booklet for
XYZ(58.5515, 64.1865, 85.2042)
contains.

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Color

**XYZ(58.4780, 64.1769,
84.9066)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D6E7
RGB	185, 214, 231
RGB Percent	73%, 84%, 91%
CMY	0.2745, 0.1608, 0.0941
CMYK	0.20, 0.07, 0.00, 0.09
HSL	202°, 49%, 82%
HSV	202°, 20%, 91%
XYZ	58.4780, 64.1769, 84.9066
YIQ	207.2670, -22.7410, -0.8610

Conversions

Conversions Part 2

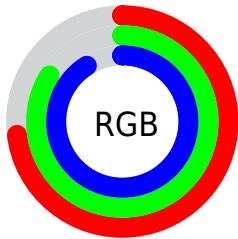
Format	Color
RYB	185, 203, 231
Decimal	12179175
CIELab	84.06, -6.02, -11.57
CIELCh	84, 13.047, 242.506
Yxy	64.1769, 0.2817, 0.3092
Android (android.graphics.Color)	4290369255 (0xFFB9D6E7)
YUV	207.2670, 11.7004, -19.5282
Hunter-Lab	80.1105, -9.8943, -6.7623

Details

The XYZ color **58.4780, 64.1769, 84.9066** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8333, 62.7331, 54.6975**, and the grayscale version is **59.4192, 62.5137, 68.0774**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **29.4961, 32.7167, 45.3178** is the 20% darker color. If you saturate the color by 10%, you get **51.2481, 57.3279, 83.9667**, and if you desaturate by 10%, it is **66.7304, 71.7244, 85.9295**.

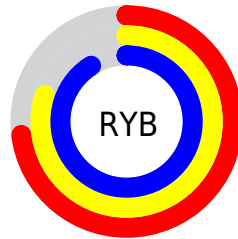
Distribution



Red (73%)

Green (84%)

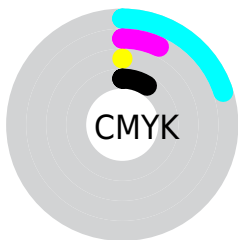
Blue (91%)



Red (73%)

Yellow (80%)

Blue (91%)

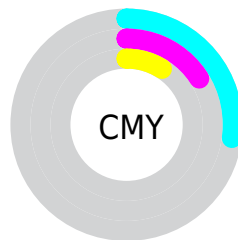


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (9%)



Cyan (27%)

Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4780, 64.1769, 84.9066 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 58.4780, 64.1769, 84.9066 by changing the saturation by 10% instead.

■ 58.4780, 64.1769,
84.9066

■ 58.4780, 64.1769,
84.9066

408.8899,
439.8282, 531.4555

■ 42.4378, 46.7940,
63.2145

■ 101.7376,
110.8657, 142.1157

■ 29.6369, 32.8728,
45.5726

129.6877,
140.9403, 178.4697

■ 19.7098, 22.0290,
31.5625

162.3385,
176.0142, 220.5482

■ 12.2913, 13.8782,
20.7655

200.0553,
216.4720, 268.7696

■ 7.0160, 8.0360,
12.7631

243.2035,
262.6978, 323.5525

■ 3.5185, 4.1180,
7.1368

292.1484,

■ 1.4335, 1.7398,

315.0762, 385.3154

3.4681

347.2554,
373.9915, 454.4769

■ 0.2799, 0.4492,
1.3383

■ 0.0000, 0.0000,
0.0929

■ 58.4780, 64.1769,
84.9066

■ 58.4780, 64.1769,
84.9066

■ 51.2481, 57.3279,
83.9667

■ 66.7304, 71.7244,
85.9295

■ 44.9895, 51.1434,
83.1029

■ 76.0418, 79.9867,
87.0335

■ 39.6550, 45.5984,
82.3137

■ 86.4541, 88.9896,
88.2225

■ 35.1912, 40.6624,
81.5962

■ 89.2768, 94.2553,
89.0901

■ 31.5384, 36.3020,
80.9471

■ 91.4240, 98.5496,
89.8058

■ 28.6287, 32.4794,
80.3626

■ 26.3817, 29.1502,
79.8385

■ 24.6619, 26.2416,
79.3677

■ 24.6479, 26.2174,
79.3638

Harmonies

Analogous

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



56.4476, 64.1769, 78.7489



58.4780, 64.1769, 84.9066



61.2406, 64.1769, 86.9444

Triad

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



58.4780, 64.1769, 84.9066



66.6978, 64.1769, 69.1868



58.0713, 64.1769, 57.3415

Complementary

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



58.4780, 64.1769, 84.9066



62.8333, 62.7331, 54.6975

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.



60.7565, 64.1769, 55.2047



58.4780, 64.1769, 84.9066



65.7871, 64.1769, 61.6991

Square

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



58.4780, 64.1769, 84.9066



66.0420, 64.1769, 77.4557



63.5898, 64.1769, 56.7360



56.2180, 64.1769, 62.8109

Rectangle

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



58.4780, 64.1769, 84.9066



63.1420, 64.1769, 85.5723



63.5898, 64.1769, 56.7360



58.9036, 64.1769, 56.2300

Sweetspot

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



58.4799, 64.1795, 84.9080



87.8663, 93.6585, 108.0546



59.2297, 71.7253, 66.5185



18.6460, 19.9033, 23.1089



0.0000, 0.0000, 0.0000



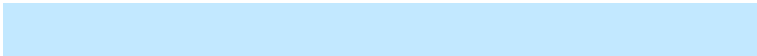
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4799, 64.1795, 84.9080



69.2121, 76.5935, 105.7439



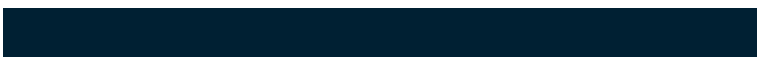
53.0927, 53.4052, 83.1123



14.3364, 15.3941, 18.3601



13.9403, 14.9427, 44.5327



1.1182, 1.2804, 3.3202

Inverse Universe

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



62.4432, 56.5435, 71.2441



75.1076, 65.6027, 85.3354



68.6023, 74.2713, 56.6206



14.7574, 14.5201, 16.9227



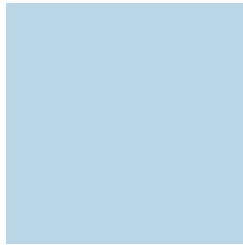
21.4299, 10.7062, 16.4248



1.6281, 0.8089, 1.4479

Previews

White Background



This preview shows how the XYZ color 58.4780, 64.1769, 84.9066 looks on a white background.

Color Contrast Check

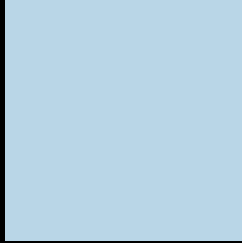
Large Text (above 18pt) WCAG AA × Fail

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 58.4780, 64.1769, 84.9066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

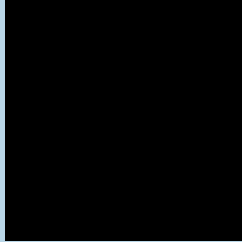
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

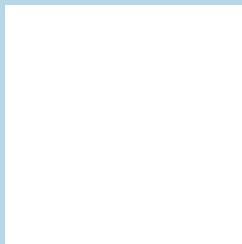
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4780, 64.1769, 84.9066

Background



This preview shows how black text looks on a background with the XYZ color 58.4780, 64.1769, 84.9066.



This preview shows how white text looks on a background with the XYZ color 58.4780, 64.1769,

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

58.4780, 64.1769, 84.9066

Protanopia

62.4334, 64.0677, 81.7488

Deuteranopia

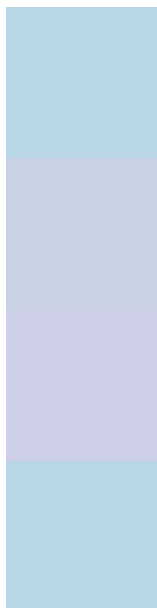
65.2143, 63.9743, 86.0019



Tritanopia

58.4780, 64.1769, 84.9066

Trichromacy



Original Color

58.4780, 64.1769, 84.9066

Protanomaly

60.8696, 63.9740, 82.5388

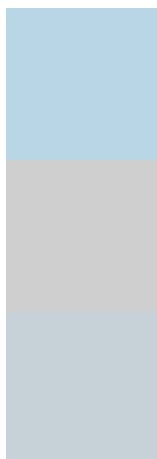
Deuteranomaly

62.5750, 64.0598, 85.4106

Tritanomaly

58.4780, 64.1769, 84.9066

Monochromacy



Original Color

58.4780, 64.1769, 84.9066

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.9945, 63.1932, 74.0539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4780, 64.1769, 84.9066 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(185, 214, 231)` looks like.

```
.text, #text, p{  
    color:rgb(185, 214, 231)  
}
```

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(185, 214, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 214, 231) }
```

Border

The CSS property to change the border of an element to XYZ 58.4780, 64.1769, 84.9066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

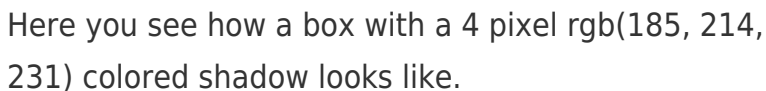
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 214, 231) }
```


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

```
.border{ border-color:rgb(185, 214, 231) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 214, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 214, 231); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 214, 231); box-shadow:4px 4px 4px 4px rgb(185, 214, 231) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4780, 64.1769, 84.9066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 214, 231) }
```

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

```
.background{ background-color: rgb(185,  
214, 231) }
```

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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