

Converting Colors

XYZ(58.5259, 65.5118, 78.7389)

Have a look what the booklet for
XYZ(58.5259, 65.5118, 78.7389)
contains.

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Color

**XYZ(58.4912, 65.4644,
78.6603)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD9DE
RGB	187, 217, 222
RGB Percent	73%, 85%, 87%
CMY	0.2667, 0.1490, 0.1294
CMYK	0.16, 0.02, 0.00, 0.13
HSL	189°, 35%, 80%
HSV	189°, 16%, 87%
XYZ	58.4912, 65.4644, 78.6603
YIQ	208.6000, -19.4850, -4.8050

Conversions

Conversions Part 2

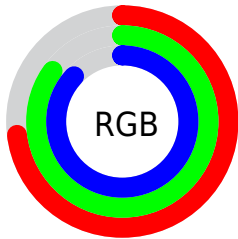
Format	Color
RYB	187, 203, 222
Decimal	12311006
CIELab	84.72, -8.86, -5.80
CIELCh	85, 10.586, 213.212
Yxy	65.4644, 0.2887, 0.3231
Android (android.graphics.Color)	4290501086 (0xFFBBD9DE)
YUV	208.6000, 6.6062, -18.9432
Hunter-Lab	80.9101, -12.5521, -1.0043

Details

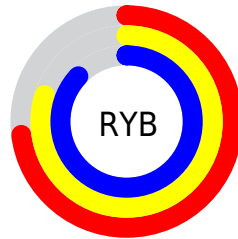
The XYZ color **58.4912, 65.4644, 78.6603** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.9440, 56.8168, 54.9278**, and the grayscale version is **60.3128, 63.4538, 69.1011**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **29.5682, 33.6172, 41.4896** is the 20% darker color. If you saturate the color by 10%, you get **52.6657, 61.2617, 78.1572**, and if you desaturate by 10%, it is **65.1758, 70.1367, 79.2109**.

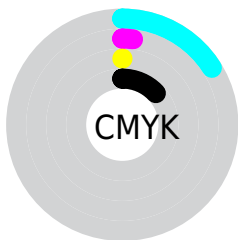
Distribution



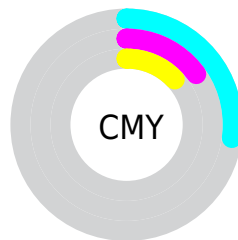
- Red (73%)
- Green (85%)
- Blue (87%)



- Red (73%)
- Yellow (80%)
- Blue (87%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4912, 65.4644, 78.6603 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 58.4912, 65.4644, 78.6603 by changing the saturation by 10% instead.

■ 58.4912, 65.4644,
78.6603

■ 58.4912, 65.4644,
78.6603

408.9382,
444.4589, 509.9936

■ 42.4485, 47.8377,
58.0969

■ 101.7567,
112.7173, 133.2748

■ 29.6453, 33.6984,
41.4713

129.7101,
143.1123, 168.1631

■ 19.7162, 22.6620,
28.3651

162.3645,
178.5321, 208.6633

■ 12.2960, 14.3441,
18.3596

200.0852,
219.3613, 255.1941

■ 7.0192, 8.3604,
11.0364

243.2376,
265.9842, 308.1740

■ 3.5206, 4.3264,
5.9768

292.1870,

■ 1.4347, 1.8578,

318.7852, 368.0215

2.7624

347.2987,
378.1486, 435.1552

■ 0.2807, 0.5228,
0.9746

■ 0.0000, 0.0000,
0.0000

■ 58.4912, 65.4644,
78.6603

■ 58.4912, 65.4644,
78.6603

■ 52.6657, 61.2617,
78.1572

■ 65.1758, 70.1367,
79.2109

■ 47.6551, 57.5006,
77.6953

■ 72.7497, 75.2892,
79.8062

■ 43.4197, 54.1621,
77.2741

■ 81.2490, 80.9423,
80.4494

■ 39.9142, 51.2228,
76.8916

■ 82.6337, 82.9513,
80.7642

37.0888, 48.6568,
76.5452

83.5222, 84.7284,
81.0604

34.8868, 46.4349,
76.2324

84.4269, 86.5377,
81.3619

33.2425, 44.5231,
75.9500

85.3477, 88.3794,
81.6689

32.0750, 42.8793,
75.6943

86.2848, 90.2536,
81.9813

31.6647, 42.2333,
75.5912

87.2383, 92.1606,
82.2991

Harmonies

Analogous

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



57.7875, 65.4644, 72.0125



58.4912, 65.4644, 78.6603



60.1932, 65.4644, 83.5601

Triad

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



58.4912, 65.4644, 78.6603



66.3739, 65.4644, 77.3171



61.9673, 65.4644, 59.0413

Complementary

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



58.4912, 65.4644, 78.6603



57.9440, 56.8168, 54.9278

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.



64.2958, 65.4644, 60.2654



58.4912, 65.4644, 78.6603



66.8777, 65.4644, 70.5517

Square

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



58.4912, 65.4644, 78.6603



64.7484, 65.4644, 82.7508



66.1081, 65.4644, 64.3757



59.7621, 65.4644, 60.9208

Rectangle

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



58.4912, 65.4644, 78.6603



61.6855, 65.4644, 85.0223



66.1081, 65.4644, 64.3757



62.7614, 65.4644, 59.1038

Sweetspot

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



58.4931, 65.4671, 78.6618



89.9358, 96.5055, 108.4950



56.0935, 66.5995, 59.5756



19.1015, 20.5539, 23.2105



0.0000, 0.0000, 0.0000



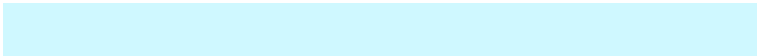
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4931, 65.4671, 78.6618



77.2494, 87.6063, 107.4460



54.2953, 57.0714, 77.2625



13.9411, 15.2212, 17.5909



18.8706, 25.2108, 44.9199



1.3543, 1.8401, 3.1290

Inverse Universe

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



60.4204, 56.0814, 73.2890



80.4000, 72.4503, 98.6209



61.9364, 64.8014, 56.2585



14.2065, 13.9002, 16.8574



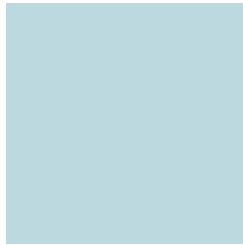
23.4652, 11.4531, 30.1792



1.6499, 0.8032, 2.2150

Previews

White Background



This preview shows how the XYZ color 58.4912, 65.4644, 78.6603 looks on a white background.

Color Contrast Check

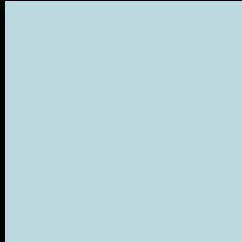
Large Text (above 18pt) WCAG AA × Fail

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 58.4912, 65.4644, 78.6603 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

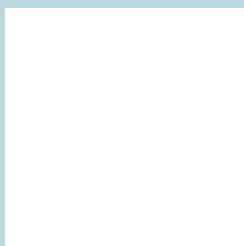
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4912, 65.4644, 78.6603

Background



This preview shows how black text looks on a background with the XYZ color 58.4912, 65.4644, 78.6603.

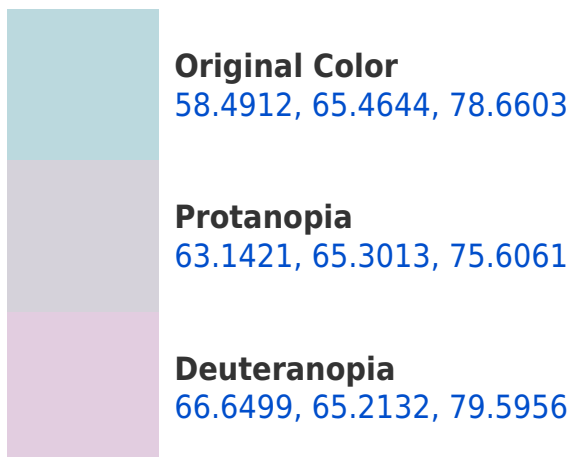


This preview shows how white text looks on a background with the XYZ color 58.4912, 65.4644,

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

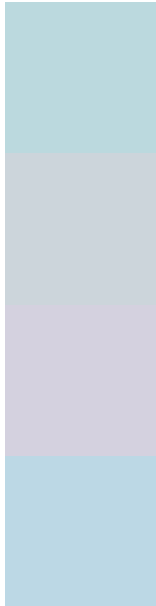




Tritanopia

59.9947, 65.3029, 86.5335

Trichromacy



Original Color

58.4912, 65.4644, 78.6603

Protanomaly

61.4823, 65.5403, 76.4279

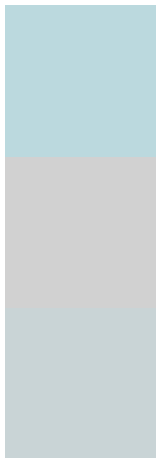
Deuteranomaly

63.2711, 64.9257, 79.0092

Tritanomaly

59.4378, 65.4602, 83.6311

Monochromacy



Original Color

58.4912, 65.4644, 78.6603

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.7685, 64.3595, 72.8908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4912, 65.4644, 78.6603 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(187, 217, 222)` looks like.

```
.text, #text, p{  
    color:rgb(187, 217, 222)  
}
```

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(187, 217, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 217, 222) }
```

Border

The CSS property to change the border of an element to XYZ 58.4912, 65.4644, 78.6603 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(187, 217, 222) }
```


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

```
.border{ border-color:rgb(187, 217, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 217, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 217, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 217, 222);  
box-shadow:4px 4px 4px 4px rgb(187, 217,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4912, 65.4644, 78.6603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 217, 222) }
```

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

```
.background{ background-color: rgb(187,  
217, 222) }
```

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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