

Converting Colors

XYZ(57.3894, 63.6752, 78.6263)

Have a look what the booklet for
XYZ(57.3894, 63.6752, 78.6263)
contains.

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Color

**XYZ(57.4811, 63.8062,
78.3935)**

Conversions

Conversions Part 1

Format	Color
Hex	BAD6DE
RGB	186, 214, 222
RGB Percent	73%, 84%, 87%
CMY	0.2706, 0.1608, 0.1294
CMYK	0.16, 0.04, 0.00, 0.13
HSL	193°, 35%, 80%
HSV	193°, 16%, 87%
XYZ	57.4811, 63.8062, 78.3935
YIQ	206.5400, -19.2560, -3.4480

Conversions

Conversions Part 2

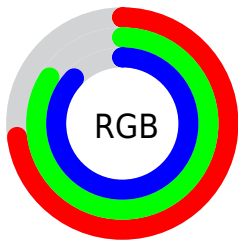
Format	Color
R _Y B	186, 202, 222
Decimal	12244702
CIE Lab	83.86, -7.62, -7.07
CIE LCh	84, 10.399, 222.865
Yxy	63.8062, 0.2879, 0.3195
Android (android.graphics.Color)	4290434782 (0xFFBAD6DE)
YUV	206.5400, 7.6218, -18.0136
Hunter-Lab	79.8788, -11.3385, -2.2724

Details

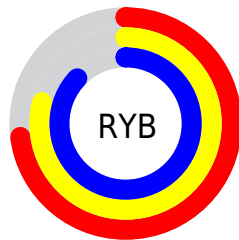
The XYZ color **57.4811, 63.8062, 78.3935** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.2794, 57.6582, 54.5131**, and the grayscale version is **58.9754, 62.0467, 67.5688**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **28.8889, 32.4918, 41.3082** is the 20% darker color. If you saturate the color by 10%, you get **51.2724, 58.7823, 77.7520**, and if you desaturate by 10%, it is **64.5692, 69.3430, 79.0896**.

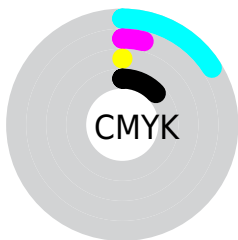
Distribution



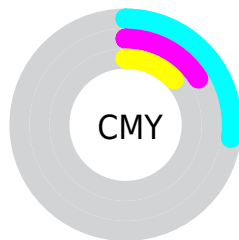
- Red (73%)
- Green (84%)
- Blue (87%)



- Red (73%)
- Yellow (79%)
- Blue (87%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4811, 63.8062, 78.3935 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 57.4811, 63.8062, 78.3935 by changing the saturation by 10% instead.

■ 57.4811, 63.8062,
78.3935

■ 57.4811, 63.8062,
78.3935

405.2347,
438.4895, 509.0655

■ 41.6333, 46.4937,
57.8789

■ 100.2941,
110.3318, 132.8956

■ 29.0041, 32.6356,
41.2973

127.9901,
140.3137, 167.7202

■ 19.2282, 21.8474,
28.2300

160.3661,
175.2875, 208.1519

■ 11.9403, 13.7448,
18.2585

197.7875,
215.6377, 254.6092

■ 6.7749, 7.9434,
10.9644

240.6197,
261.7486, 307.5106

■ 3.3668, 4.0588,
5.9290

289.2281,

■ 1.3506, 1.7065,

314.0045, 367.2748

2.7339

343.9780,
372.7901, 434.3202

■ 0.2206, 0.4279,
0.9604

■ 0.0000, 0.0000,
0.0000

■ 57.4811, 63.8062,
78.3935

■ 57.4811, 63.8062,
78.3935

■ 51.2724, 58.7823,
77.7520

■ 64.5692, 69.3430,
79.0896

■ 45.8987, 54.2427,
77.1590

■ 72.5676, 75.4039,
79.8380

■ 41.3198, 50.1680,
76.6139

■ 81.5123, 82.0097,
80.6416

■ 37.4901, 46.5341,
76.1143

■ 83.7712, 85.2264,
81.1434

■ 34.3591, 43.3145,
75.6579

■ 85.1927, 88.0694,
81.6172

■ 31.8697, 40.4793,
75.2419

■ 86.6536, 90.9912,
82.1042

■ 29.9554, 37.9936,
74.8630

■ 88.1542, 93.9923,
82.6044

■ 28.5331, 35.8142,
74.5172

■ 89.6947, 97.0734,
83.1179

■ 28.0685, 35.0409,
74.3925

■ 90.1850, 98.0540,
83.2813

Harmonies

Analogous

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



56.4612, 63.8062, 72.3145



57.4811, 63.8062, 78.3935



59.3601, 63.8062, 82.2103

Triad

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



57.4811, 63.8062, 78.3935



64.9436, 63.8062, 73.2491



59.6726, 63.8062, 57.9110

Complementary

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



57.4811, 63.8062, 78.3935



58.2794, 57.6582, 54.5131

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.



61.9501, 63.8062, 58.1263



57.4811, 63.8062, 78.3935



65.0324, 63.8062, 66.7091

Square

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



57.4811, 63.8062, 78.3935



63.6852, 63.8062, 79.1146



63.9247, 63.8062, 61.2583



57.7049, 63.8062, 60.6504

Rectangle

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



57.4811, 63.8062, 78.3935



60.8658, 63.8062, 82.8193



63.9247, 63.8062, 61.2583



60.4265, 63.8062, 57.6455

Sweetspot

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



57.4830, 63.8088, 78.3949



89.6169, 95.8677, 108.3887



56.0873, 66.5689, 60.8154



19.0238, 20.3985, 23.1846



0.0000, 0.0000, 0.0000



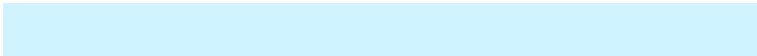
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4830, 63.8088, 78.3949



76.0787, 85.2650, 107.0557



53.2208, 55.2844, 76.9742



13.8448, 15.0287, 17.5588



16.7579, 20.9854, 44.2157



1.2260, 1.5835, 3.0863

Inverse Universe

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



59.8222, 55.5038, 71.1817



79.8092, 72.2140, 95.5093



62.4817, 66.0630, 55.9139



14.1579, 13.8808, 16.6016



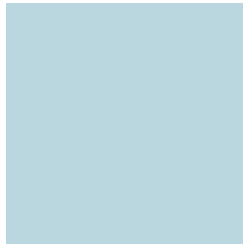
22.3988, 11.0265, 24.5638



1.5851, 0.7773, 1.8739

Previews

White Background



This preview shows how the XYZ color 57.4811, 63.8062, 78.3935 looks on a white background.

Color Contrast Check

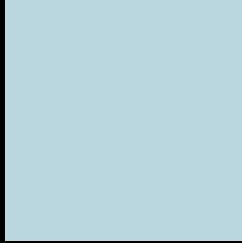
Large Text (above 18pt) WCAG AA × Fail

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 57.4811, 63.8062, 78.3935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

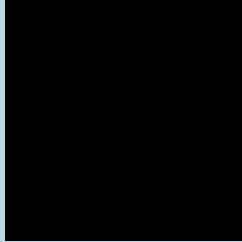
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4811, 63.8062, 78.3935

Background



This preview shows how black text looks on a background with the XYZ color 57.4811, 63.8062, 78.3935.



This preview shows how white text looks on a background with the XYZ color 57.4811, 63.8062,

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

57.4811, 63.8062, 78.3935

Protanopia

61.7891, 63.8753, 75.4022

Deuteranopia

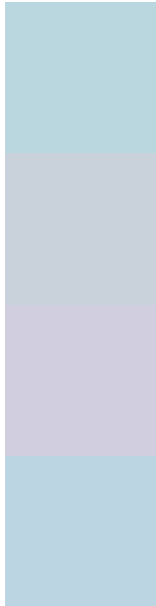
64.9347, 63.6233, 79.3791



Tritanopia

58.5707, 63.8665, 84.1034

Trichromacy



Original Color

57.4811, 63.8062, 78.3935

Protanomaly

59.9202, 63.6252, 76.1406

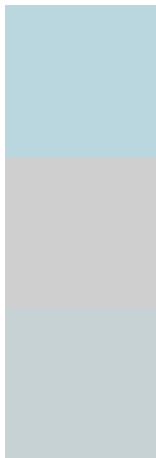
Deuteranomaly

61.9266, 63.5087, 78.8066

Tritanomaly

58.1529, 63.6993, 81.9033

Monochromacy



Original Color

57.4811, 63.8062, 78.3935

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.4834, 62.9888, 71.3630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4811, 63.8062, 78.3935 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(186, 214, 222)` looks like.

```
.text, #text, p{  
    color:rgb(186, 214, 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(186, 214, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 214, 222) }
```

Border

The CSS property to change the border of an element to XYZ 57.4811, 63.8062, 78.3935 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(186, 214, 222) }
```


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

```
.border{ border-color:rgb(186, 214, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 214, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 214, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 214, 222);  
box-shadow:4px 4px 4px 4px rgb(186, 214,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4811, 63.8062, 78.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 214, 222) }
```

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

```
.background{ background-color: rgb(186,  
214, 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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