

Converting Colors

XYZ(57.9389, 66.5933, 71.5444)

Have a look what the booklet for
XYZ(57.9389, 66.5933, 71.5444)
contains.

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Color

**XYZ(57.8446, 66.4543,
71.4063)**

Conversions

Conversions Part 1

Format	Color
Hex	BBDCD3
RGB	187, 220, 211
RGB Percent	73%, 86%, 83%
CMY	0.2667, 0.1372, 0.1725
CMYK	0.15, 0.00, 0.04, 0.14
HSL	164°, 32%, 80%
HSV	164°, 15%, 86%
XYZ	57.8446, 66.4543, 71.4063
YIQ	209.1070, -16.7790, -9.7950

Conversions

Conversions Part 2

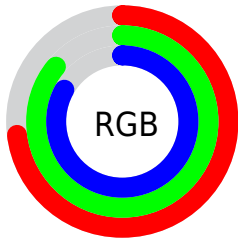
Format	Color
RYB	187, 206, 220
Decimal	12311763
CIELab	85.23, -12.61, 0.77
CIELCh	85, 12.630, 176.513
Yxy	66.4543, 0.2956, 0.3396
Android (android.graphics.Color)	4290501843 (0xFFBBDCD3)
YUV	209.1070, 0.9332, -19.3878
Hunter-Lab	81.5195, -15.9991, 5.1291

Details

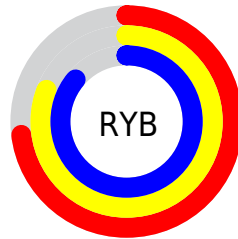
The XYZ color **57.8446, 66.4543, 71.4063** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.2517, 54.7436, 59.7765**, and the grayscale version is **60.6776, 63.8376, 69.5191**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **29.2138, 34.3311, 36.9851** is the 20% darker color. If you saturate the color by 10%, you get **52.1312, 63.5961, 67.2853**, and if you desaturate by 10%, it is **64.4144, 69.7544, 75.7168**.

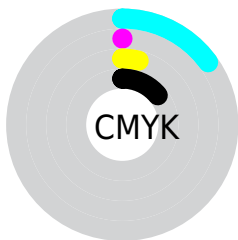
Distribution



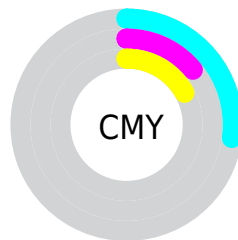
- Red (73%)
- Green (86%)
- Blue (83%)



- Red (73%)
- Yellow (81%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (27%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8446, 66.4543, 71.4063 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 57.8446, 66.4543, 71.4063 by changing the saturation by 10% instead.

■ 57.8446, 66.4543,
71.4063

■ 57.8446, 66.4543,
71.4063

406.5698,
447.9999, 484.3944

■ 41.9265, 48.6413,
52.1900

■ 100.8208,
114.1381, 122.9119

■ 29.2346, 34.3350,
36.7732

128.6096,
144.7777, 156.0383

■ 19.4035, 23.1511,
24.7376

161.0860,
180.4617, 194.6384

■ 12.0680, 14.7051,
15.6644

198.6154,
221.5743, 239.1309

■ 6.8625, 8.6127,
9.1352

241.5631,
268.5000, 289.9341

■ 3.4218, 4.4894,
4.7315

290.2946,

■ 1.3806, 1.9509,

321.6233, 347.4668

2.0346

345.1750,
381.3284, 412.1473

■ 0.2423, 0.5787,
0.5764

■ 0.0000, 0.0000,
0.0000

■ 57.8446, 66.4543,
71.4063

■ 57.8446, 66.4543,
71.4063

■ 52.1312, 63.5961,
67.2853

■ 64.4144, 69.7544,
75.7168

■ 47.2309, 61.1520,
63.3461

■ 71.8703, 73.5062,
80.2156

■ 43.1049, 59.1039,
59.5866

■ 80.2474, 77.7296,
84.9073

■ 39.7091, 57.4291,
56.0031

■ 81.8310, 78.4474,
89.4322

■ 36.9948, 56.1025,
52.5917

■ 82.7130, 78.8002,
94.0771

■ 34.9070, 55.0958,
49.3482

■ 83.6246, 79.1649,
98.8776

■ 33.3821, 54.3763,
46.2677

■ 84.5661, 79.5415,
103.8351

■ 32.3423, 53.9039,
43.3450

■ 84.8844, 79.6688,
105.5115

■ 31.9386, 53.7265,
41.9394

Harmonies

Analogous

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



58.6978, 66.4543, 64.0317



57.8446, 66.4543, 71.4063



58.3807, 66.4543, 79.5989

Triad

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



57.8446, 66.4543, 71.4063



65.6432, 66.4543, 87.3440



66.2377, 66.4543, 60.0309

Complementary

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



57.8446, 66.4543, 71.4063



57.2517, 54.7436, 59.7765

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.



68.1992, 66.4543, 65.5691



57.8446, 66.4543, 71.4063



67.8487, 66.4543, 81.3753

Square

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



57.8446, 66.4543, 71.4063



62.8298, 66.4543, 89.1969



68.7974, 66.4543, 73.3170



63.4970, 66.4543, 57.7831

Rectangle

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



57.8446, 66.4543, 71.4063



59.4628, 66.4543, 84.3635



68.7974, 66.4543, 73.3170



67.0132, 66.4543, 61.5481

Sweetspot

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



57.8465, 66.4571, 71.4078



89.9588, 97.4395, 105.7651



57.4211, 66.5599, 56.8358



19.1072, 20.7818, 22.5449



0.0000, 0.0000, 0.0000



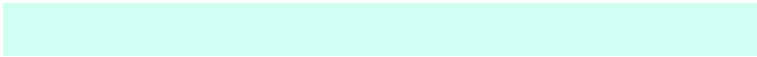
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8465, 66.4571, 71.4078



78.1818, 91.5295, 97.9282



57.1704, 63.2477, 76.9081



13.2854, 14.7658, 15.9659



18.7926, 31.5497, 24.8709



1.2529, 2.0581, 1.7980

Inverse Universe

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



57.2517, 54.7436, 59.7765



77.1991, 72.1637, 78.7015



57.8122, 57.4558, 55.0579



13.2012, 13.1096, 14.3210



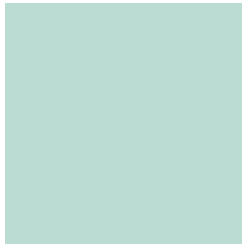
17.8414, 9.1376, 3.5448



1.1918, 0.6064, 0.4190

Previews

White Background



This preview shows how the XYZ color 57.8446, 66.4543, 71.4063 looks on a white background.

Color Contrast Check

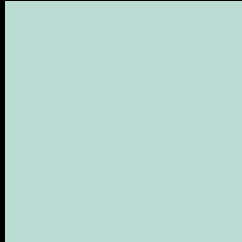
Large Text (above 18pt) WCAG AA × Fail

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 57.8446, 66.4543, 71.4063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

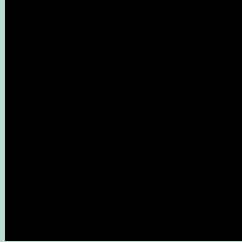
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

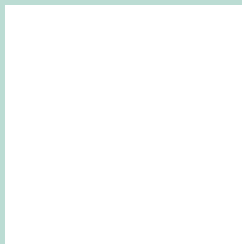
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8446, 66.4543, 71.4063

Background



This preview shows how black text looks on a background with the XYZ color 57.8446, 66.4543, 71.4063.

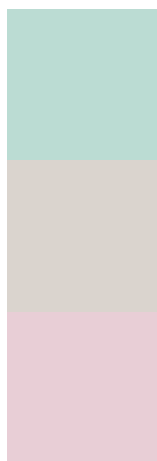


This preview shows how white text looks on a background with the XYZ color 57.8446, 66.4543,

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

57.8446, 66.4543, 71.4063

Protanopia

63.5975, 66.4486, 67.8664

Deuteranopia

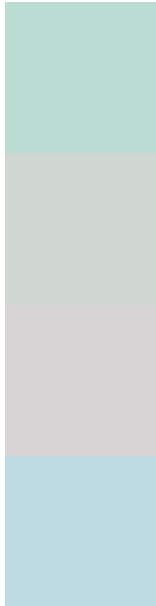
67.4876, 66.1535, 72.8302



Tritanopia

61.1500, 66.6426, 87.4823

Trichromacy



Original Color

57.8446, 66.4543, 71.4063

Protanomaly

61.4177, 66.4203, 69.2579

Deuteranomaly

63.6234, 65.9916, 72.3351

Tritanomaly

60.0341, 66.5809, 81.6388

Monochromacy



Original Color

57.8446, 66.4543, 71.4063

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.5145, 64.6592, 70.3165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8446, 66.4543, 71.4063 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, 220, 211)` looks like.

```
.text, #text, p{  
    color:rgb(187, 220, 211)  
}
```

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, 220, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 220, 211) }
```

Border

The CSS property to change the border of an element to XYZ 57.8446, 66.4543, 71.4063 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, 220, 211) }
```


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

```
.border{ border-color:rgb(187, 220, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 220, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 220, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 220, 211);  
box-shadow:4px 4px 4px 4px rgb(187, 220,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8446, 66.4543, 71.4063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 220, 211) }
```

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

```
.background{ background-color: rgb(187,  
220, 211) }
```

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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