

Converting Colors

XYZ(57.5854, 70.6774, 67.7338)

Have a look what the booklet for
XYZ(57.5854, 70.6774, 67.7338)
contains.

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Color

**XYZ(57.6065, 70.8586,
67.7676)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E7CC
RGB	177, 231, 204
RGB Percent	69%, 91%, 80%
CMY	0.3059, 0.0941, 0.2000
CMYK	0.23, 0.00, 0.12, 0.09
HSL	150°, 53%, 80%
HSV	150°, 23%, 91%
XYZ	57.6065, 70.8586, 67.7676
YIQ	211.7760, -23.5170, -19.8450

Conversions

Conversions Part 2

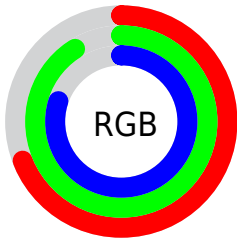
Format	Color
RYB	177, 213, 231
Decimal	11659212
CIELab	87.42, -22.62, 7.54
CIElCh	87, 23.848, 161.556
Yxy	70.8586, 0.2936, 0.3611
Android (android.graphics.Color)	4289849292 (0xFFB1E7CC)
YUV	211.7760, -3.8336, -30.4986
Hunter-Lab	84.1776, -25.1551, 11.1925

Details

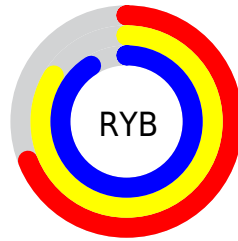
The XYZ color **57.6065, 70.8586, 67.7676** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.5788, 52.7947, 64.1802**, and the grayscale version is **62.4680, 65.7212, 71.5704**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **29.0034, 37.0729, 34.4813** is the 20% darker color. If you saturate the color by 10%, you get **51.4494, 67.8406, 60.5143**, and if you desaturate by 10%, it is **64.7610, 74.3827, 75.6070**.

Distribution



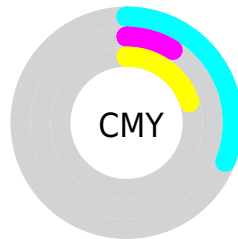
- Red (69%)
- Green (91%)
- Blue (80%)



- Red (69%)
- Yellow (84%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6065, 70.8586, 67.7676 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 57.6065, 70.8586, 67.7676 by changing the saturation by 10% instead.

■ 57.6065, 70.8586,
67.7676

■ 57.6065, 70.8586,
67.7676

405.6956,
463.5590, 471.2479

■ 41.7344, 52.2268,
49.2432

■ 100.4759,
120.4324, 117.6707

■ 29.0836, 37.1859,
34.4455

128.2039,
152.1431, 149.8864

■ 19.2887, 25.3515,
22.9559

160.6145,
188.9824, 187.5030

■ 11.9843, 16.3391,
14.3560

198.0733,
231.3344, 230.9390

■ 6.8051, 9.7644,
8.2271

240.9454,
279.5837, 280.6130

■ 3.3858, 5.2430,
4.1507


289.5962,

■ 1.3609, 2.3906,


334.1146, 336.9434


1.7084


344.3912,
395.3116, 400.3489


 0.2281, 0.8210,
0.3665

 0.0000, 0.0000,
0.0000

 57.6065, 70.8586,
67.7676

 57.6065, 70.8586,
67.7676


 51.4494, 67.8406,
60.5143


 64.7610, 74.3827,
75.6070


 46.2367, 65.2960,
53.8286

 72.9507, 78.4265,
84.0410

 41.9195, 63.2016,
47.6978

 82.2188, 83.0138,
93.0839

 38.4415, 61.5288,
42.1068

 87.1048, 85.3295,
102.4909

■ 35.7402, 60.2455,
37.0398

■ 87.8672, 85.6345,
106.5057

■ 33.7432, 59.3149,
32.4801

■ 32.3634, 58.6923,
28.4096

■ 31.7003, 58.4037,
25.9717

Harmonies

Analogous

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



60.4300, 70.8586, 56.2288



57.6065, 70.8586, 67.7676



57.3042, 70.8586, 83.5223

Triad

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



57.6065, 70.8586, 67.7676



69.5377, 70.8586, 111.6303



75.7657, 70.8586, 58.3855

Complementary

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



57.6065, 70.8586, 67.7676



59.5788, 52.7947, 64.1802

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.



78.5039, 70.8586, 71.1160



57.6065, 70.8586, 67.7676



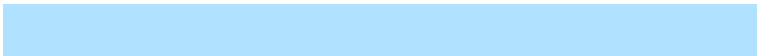
74.7769, 70.8586, 102.7140

Square

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



57.6065, 70.8586, 67.7676



63.9868, 70.8586, 110.4034



78.1323, 70.8586, 87.3672



70.8269, 70.8586, 51.3545

Rectangle

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



57.6065, 70.8586, 67.7676



58.5516, 70.8586, 94.5143



78.1323, 70.8586, 87.3672



76.9861, 70.8586, 62.0596

Sweetspot

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



57.6085, 70.8615, 67.7692



87.3811, 96.2088, 101.2134



61.6635, 73.2943, 52.4933



18.5683, 20.5260, 21.5257



0.0000, 0.0000, 0.0000



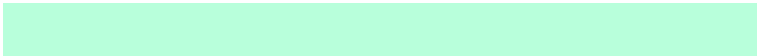
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6085, 70.8615, 67.7692



68.2569, 86.7912, 80.3784



61.0068, 72.2209, 85.6646



14.4884, 16.2088, 16.8364



17.8335, 32.7655, 14.8896



1.3647, 2.4400, 1.3472

Inverse Universe

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



59.5788, 52.7947, 64.1802



71.1235, 60.5054, 75.1567



56.7051, 51.6452, 49.0478



14.6761, 14.4876, 16.4945



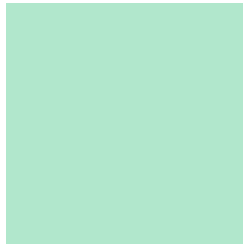
20.2890, 10.2498, 10.4166



1.5462, 0.7762, 1.0167

Previews

White Background



This preview shows how the XYZ color 57.6065, 70.8586, 67.7676 looks on a white background.

Color Contrast Check

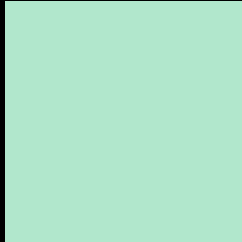
Large Text (above 18pt) WCAG AA × Fail

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 57.6065, 70.8586, 67.7676 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 57.6065, 70.8586, 67.7676

Background



This preview shows how black text looks on a background with the XYZ color 57.6065, 70.8586, 67.7676.

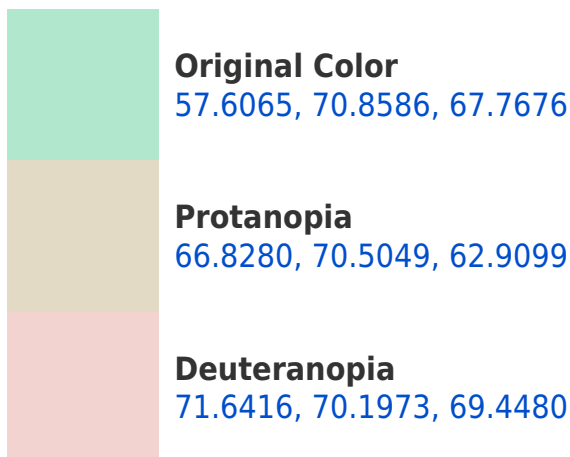


This preview shows how white text looks on a background with the XYZ color 57.6065, 70.8586, 67.7676.

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

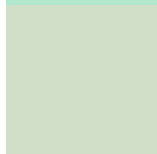
63.1105, 70.6358, 95.1018

Trichromacy



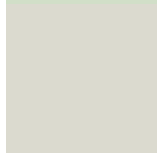
Original Color

57.6065, 70.8586, 67.7676



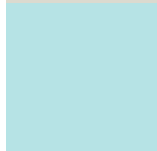
Protanomaly

63.1075, 70.5008, 64.9255



Deuteranomaly

65.5473, 69.7079, 69.0317



Tritanomaly

60.9033, 70.5404, 84.5345

Monochromacy



Original Color

57.6065, 70.8586, 67.7676



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.3933, 67.4086, 70.1497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6065, 70.8586, 67.7676 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(177, 231, 204)` looks like.

```
.text, #text, p{  
    color:rgb(177, 231, 204)  
}
```

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(177, 231, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 231, 204) }
```

Border

The CSS property to change the border of an element to XYZ 57.6065, 70.8586, 67.7676 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(177, 231, 204) }
```


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

```
.border{ border-color:rgb(177, 231, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 231, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 231, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 231, 204);  
box-shadow:4px 4px 4px 4px rgb(177, 231,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6065, 70.8586, 67.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 231, 204) }
```

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

```
.background{ background-color: rgb(177,  
231, 204) }
```

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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