

Converting Colors

XYZ(57.2670, 69.9389, 66.0965)

Have a look what the booklet for
XYZ(57.2670, 69.9389, 66.0965)
contains.

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Color

**XYZ(57.2704, 69.8866,
66.3481)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E5CA
RGB	179, 229, 202
RGB Percent	70%, 90%, 79%
CMY	0.2980, 0.1019, 0.2078
CMYK	0.22, 0.00, 0.12, 0.10
HSL	148°, 49%, 80%
HSV	148°, 22%, 90%
XYZ	57.2704, 69.8866, 66.3481
YIQ	210.9720, -21.1330, -18.9970

Conversions

Conversions Part 2

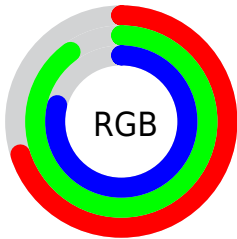
Format	Color
RYB	179, 213, 229
Decimal	11789770
CIELab	86.94, -21.40, 7.93
CIElCh	87, 22.820, 159.675
Yxy	69.8866, 0.2960, 0.3612
Android (android.graphics.Color)	4289979850 (0xFFB3E5CA)
YUV	210.9720, -4.4232, -28.0394
Hunter-Lab	83.5982, -24.0123, 11.4630

Details

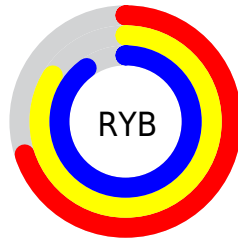
The XYZ color **57.2704, 69.8866, 66.3481** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.5762, 53.3562, 65.5544**, and the grayscale version is **61.9383, 65.1639, 70.9635**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **28.7463, 36.3852, 33.5249** is the 20% darker color. If you saturate the color by 10%, you get **51.0049, 66.8210, 58.7157**, and if you desaturate by 10%, it is **64.5361, 73.4581, 74.6429**.

Distribution



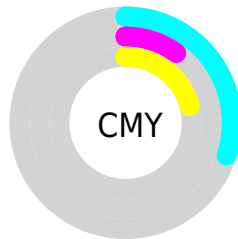
- Red (70%)
- Green (90%)
- Blue (79%)



- Red (70%)
- Yellow (84%)
- Blue (90%)



- Cyan (22%)
- Magenta (0%)
- Yellow (12%)
- Black (10%)





- Cyan (30%)
- Magenta (10%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2704, 69.8866, 66.3481 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 57.2704, 69.8866, 66.3481 by changing the saturation by 10% instead.


 57.2704, 69.8866,
66.3481

 57.2704, 69.8866,
66.3481


404.4596,
460.1517, 466.0589

 41.4634, 51.4341,
48.0968


 99.9887, 119.0470,
115.6176

 28.8706, 36.5542,
33.5430


127.6307,
150.5237, 147.4728

 19.1267, 24.8625,
22.2682


159.9484,
187.1106, 184.6997

 11.8664, 15.9747,
13.8539

197.3071,
229.1921, 227.7169

 6.7243, 9.5062,
7.8815

240.0722,
277.1526, 276.9429

 3.3351, 5.0728,
3.9326

288.6091,

 1.3334, 2.2900,

331.3764, 332.7962

1.5884

343.2831,
392.2480, 395.6953

■ 0.2080, 0.7684,
0.2825

■ 0.0000, 0.0000,
0.0000

■ 57.2704, 69.8866,
66.3481

■ 57.2704, 69.8866,
66.3481

■ 51.0049, 66.8210,
58.7157

■ 64.5361, 73.4581,
74.6429

■ 45.6878, 64.2292,
51.7246

■ 72.8392, 77.5486,
83.6112

■ 41.2710, 62.0886,
45.3592

■ 82.2220, 82.1816,
93.2698

■ 37.6999, 60.3713,
39.6015

■ 86.7473, 84.2959,
103.3539

■ 34.9136, 59.0464,
34.4326

■ 87.3106, 84.5212,
106.3202

■ 32.8423, 58.0783,
29.8325

■ 31.4029, 57.4245,
25.7797

■ 30.5877, 57.0681,
22.8583

Harmonies

Analogous

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



60.0943, 69.8866, 55.6651



57.2704, 69.8866, 66.3481



56.8256, 69.8866, 81.1351

Triad

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



57.2704, 69.8866, 66.3481



68.1625, 69.8866, 108.8514



74.6298, 69.8866, 58.8514

Complementary

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



57.2704, 69.8866, 66.3481



59.5762, 53.3562, 65.5544

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.



77.0491, 69.8866, 71.2674



57.2704, 69.8866, 66.3481



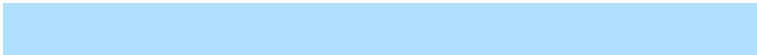
73.1856, 69.8866, 100.9955

Square

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



57.2704, 69.8866, 66.3481



62.9285, 69.8866, 107.0712



76.5069, 69.8866, 86.7518



70.0489, 69.8866, 51.7554

Rectangle

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



57.2704, 69.8866, 66.3481



57.9124, 69.8866, 91.5711



76.5069, 69.8866, 86.7518



75.7336, 69.8866, 62.4683

Sweetspot

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



57.2723, 69.8895, 66.3497



87.2717, 96.1650, 100.6370



61.7511, 72.4900, 53.3861



18.5429, 20.5159, 21.3923



0.0000, 0.0000, 0.0000



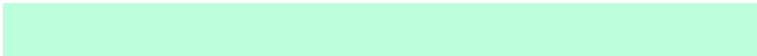
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2723, 69.8895, 66.3497



69.4839, 87.4253, 80.3659



60.4083, 71.1439, 82.8634



14.4637, 16.1989, 16.7066



17.5471, 32.6509, 13.3810



1.3431, 2.4314, 1.2334

Inverse Universe

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



59.5762, 53.3562, 65.5544



72.8961, 62.9355, 79.1855



56.8272, 52.2566, 51.0780



14.7008, 14.4975, 16.6250



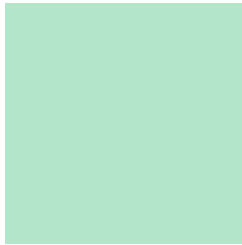
20.6046, 10.3761, 12.0787



1.5694, 0.7855, 1.1390

Previews

White Background



This preview shows how the XYZ color 57.2704, 69.8866, 66.3481 looks on a white background.

Color Contrast Check

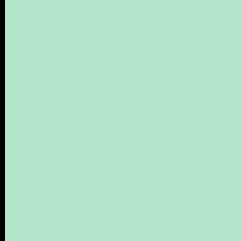
Large Text (above 18pt) WCAG AA × Fail

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 57.2704, 69.8866, 66.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

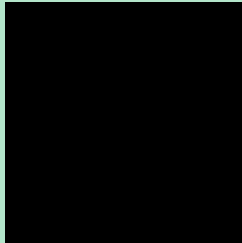
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

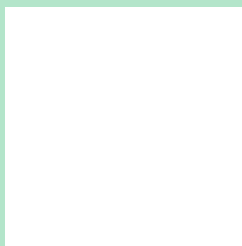
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2704, 69.8866, 66.3481

Background



This preview shows how black text looks on a background with the XYZ color 57.2704, 69.8866, 66.3481.

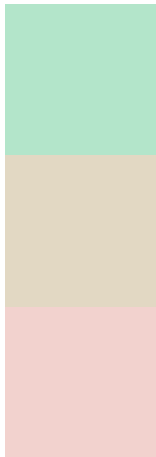


This preview shows how white text looks on a background with the XYZ color 57.2704, 69.8866,

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

57.2704, 69.8866, 66.3481

Protanopia

65.7702, 69.2206, 61.5242

Deuteranopia

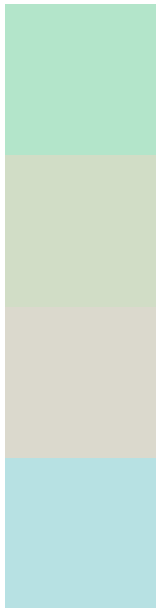
70.8051, 69.4267, 68.0614



Tritanopia

62.5146, 69.5653, 93.3517

Trichromacy



Original Color

57.2704, 69.8866, 66.3481

Protanomaly

62.3440, 69.3454, 63.5252

Deuteranomaly

65.0457, 69.0936, 67.6657

Tritanomaly

60.3188, 69.4638, 82.9018

Monochromacy



Original Color

57.2704, 69.8866, 66.3481

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.0098, 66.8390, 69.4129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2704, 69.8866, 66.3481 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(179, 229, 202)` looks like.

```
.text, #text, p{  
    color:rgb(179, 229, 202)  
}
```

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(179, 229, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 229, 202) }
```

Border

The CSS property to change the border of an element to XYZ 57.2704, 69.8866, 66.3481 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(179, 229, 202) }
```


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

```
.border{ border-color:rgb(179, 229, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 229, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 229, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 229, 202);  
box-shadow:4px 4px 4px 4px rgb(179, 229,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2704, 69.8866, 66.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 229, 202) }
```

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

```
.background{ background-color: rgb(179,  
229, 202) }
```

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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