

Converting Colors

XYZ(57.8549, 69.2961, 69.0842)

Have a look what the booklet for
XYZ(57.8549, 69.2961, 69.0842)
contains.

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Color

**XYZ(58.0230, 69.3882,
69.3666)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E3CF
RGB	182, 227, 207
RGB Percent	71%, 89%, 81%
CMY	0.2863, 0.1098, 0.1882
CMYK	0.20, 0.00, 0.09, 0.11
HSL	153°, 45%, 80%
HSV	153°, 20%, 89%
XYZ	58.0230, 69.3882, 69.3666
YIQ	211.2650, -20.4000, -15.7600

Conversions

Conversions Part 2

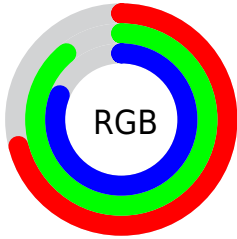
Format	Color
RYB	182, 211, 227
Decimal	11985871
CIELab	86.70, -18.50, 4.97
CIELCh	87, 19.156, 164.963
Yxy	69.3882, 0.2949, 0.3526
Android (android.graphics.Color)	4290175951 (0xFFB6E3CF)
YUV	211.2650, -2.1026, -25.6654
Hunter-Lab	83.2996, -21.4386, 8.9368

Details

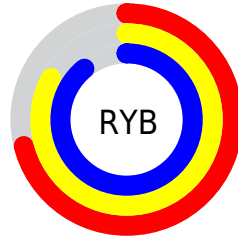
The XYZ color **58.0230, 69.3882, 69.3666** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.0696, 54.0529, 63.2002**, and the grayscale version is **62.1167, 65.3516, 71.1679**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **29.4044, 36.3941, 35.6120** is the 20% darker color. If you saturate the color by 10%, you get **51.8962, 66.3697, 62.8457**, and if you desaturate by 10%, it is **65.1015, 72.8921, 76.3466**.

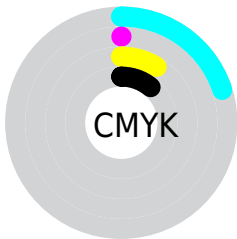
Distribution



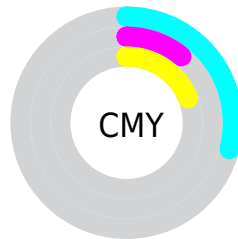
- Red (71%)
- Green (89%)
- Blue (81%)



- Red (71%)
- Yellow (83%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)





- Cyan (29%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0230, 69.3882, 69.3666 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 58.0230, 69.3882, 69.3666 by changing the saturation by 10% instead.


 58.0230, 69.3882,
69.3666

 58.0230, 69.3882,
69.3666


407.2241,
458.3989, 477.0518

 42.0705, 51.0279,
50.5367


 101.0791,
118.3359, 119.9777

 29.3478, 36.2308,
35.4659


128.9134,
149.6921, 152.5959

 19.4897, 24.6125,
23.7355


161.4390,
186.1490, 190.6474

 12.1308, 15.7886,
14.9272

199.0213,
228.0911, 234.5506

 6.9056, 9.3747,
8.6222

242.0256,
275.9028, 284.7241

 3.4490, 4.9864,
4.4022

290.8173,

 1.3954, 2.2393,

329.9683, 341.5865

1.8485

345.7616,
390.6723, 405.5562

■ 0.2529, 0.7413,
0.4596

■ 0.0000, 0.0000,
0.0000

■ 58.0230, 69.3882,
69.3666

■ 58.0230, 69.3882,
69.3666

■ 51.8962, 66.3697,
62.8457

■ 65.1015, 72.8921,
76.3466

■ 46.6722, 63.8056,
56.7695

■ 73.1664, 76.8933,
83.7902

■ 42.3060, 61.6751,
51.1296

■ 82.2576, 81.4141,
91.7081

■ 38.7465, 59.9518,
45.9155

■ 85.5547, 82.9384,
99.7881

■ 35.9368, 58.6067,
41.1161

■ 86.7603, 83.4207,
106.1368

■ 33.8123, 57.6066,
36.7199

■ 32.2964, 56.9122,
32.7142

■ 31.2594, 56.4569,
29.0838

■ 31.2430, 56.4497,
29.0233

Harmonies

Analogous

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



60.0840, 69.3882, 59.4953



58.0230, 69.3882, 69.3666



58.0203, 69.3882, 82.0617

Triad

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



58.0230, 69.3882, 69.3666



68.1869, 69.3882, 101.8051



72.1973, 69.3882, 59.5146

Complementary

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



58.0230, 69.3882, 69.3666



59.0696, 54.0529, 63.2002

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.



74.5742, 69.3882, 69.3959



58.0230, 69.3882, 69.3666



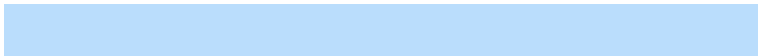
72.1889, 69.3882, 94.2652

Square

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



58.0230, 69.3882, 69.3666



63.7547, 69.3882, 101.7950



74.5710, 69.3882, 82.0945



68.1980, 69.3882, 54.2579

Rectangle

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



58.0230, 69.3882, 69.3666



59.1802, 69.3882, 90.4933



74.5710, 69.3882, 82.0945



73.2203, 69.3882, 62.3530

Sweetspot

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



58.0249, 69.3911, 69.3681



88.5676, 96.7825, 102.9821



60.3398, 70.9101, 54.7639



18.8123, 20.6436, 21.9074



0.0000, 0.0000, 0.0000



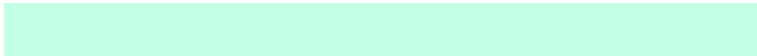
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0249, 69.3911, 69.3681



71.9323, 88.5531, 86.5527



60.0165, 69.2094, 82.8719



14.5228, 16.2225, 17.0178



18.2798, 32.9440, 17.2398



1.3974, 2.4531, 1.5194

Inverse Universe

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



59.0696, 54.0529, 63.2002



73.5388, 64.9752, 77.0739



57.3167, 54.0950, 51.6776



14.6419, 14.4739, 16.3144



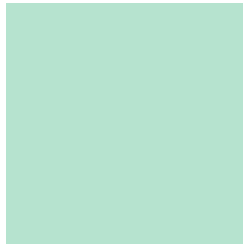
19.8988, 10.0937, 8.3618



1.5166, 0.7643, 0.8609

Previews

White Background



This preview shows how the XYZ color 58.0230, 69.3882, 69.3666 looks on a white background.

Color Contrast Check

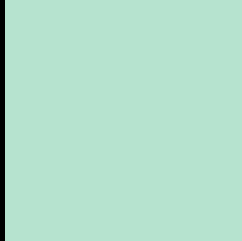
Large Text (above 18pt) WCAG AA × Fail

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 58.0230, 69.3882, 69.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

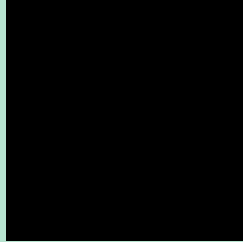
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

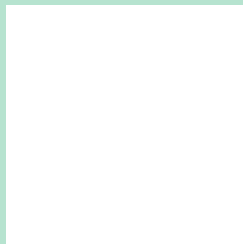
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0230, 69.3882, 69.3666

Background



This preview shows how black text looks on a background with the XYZ color 58.0230, 69.3882, 69.3666.



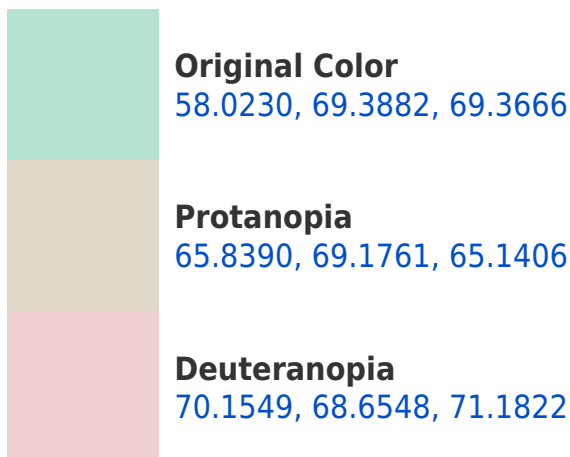
This preview shows how white text looks on a background with the XYZ color 58.0230, 69.3882,

69.3666.

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

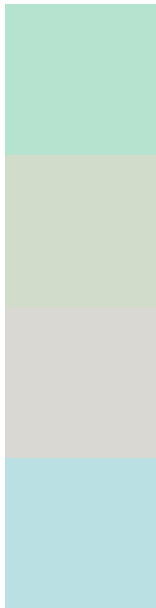




Tritanopia

62.5885, 69.2252, 92.5011

Trichromacy



Original Color

58.0230, 69.3882, 69.3666

Protanomaly

62.6672, 69.0535, 66.5257

Deuteranomaly

65.1022, 68.6703, 70.7962

Tritanomaly

60.9089, 69.3518, 83.5748

Monochromacy



Original Color

58.0230, 69.3882, 69.3666

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.2651, 66.5582, 70.6435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0230, 69.3882, 69.3666 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(182, 227, 207)` looks like.

```
.text, #text, p{  
    color:rgb(182, 227, 207)  
}
```

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(182, 227, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 227, 207) }
```

Border

The CSS property to change the border of an element to XYZ 58.0230, 69.3882, 69.3666 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(182, 227, 207) }
```


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

```
.border{ border-color:rgb(182, 227, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 227, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 227, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 227, 207);  
box-shadow:4px 4px 4px 4px rgb(182, 227,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0230, 69.3882, 69.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 227, 207) }
```

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

```
.background{ background-color: rgb(182,  
227, 207) }
```

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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