

Converting Colors

XYZ(57.8192, 69.5588, 69.4332)

Have a look what the booklet for
XYZ(57.8192, 69.5588, 69.4332)
contains.

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Color

**XYZ(57.8283, 69.6951,
69.4361)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E4CF
RGB	180, 228, 207
RGB Percent	71%, 89%, 81%
CMY	0.2941, 0.1059, 0.1882
CMYK	0.21, 0.00, 0.09, 0.11
HSL	154°, 47%, 80%
HSV	154°, 21%, 89%
XYZ	57.8283, 69.6951, 69.4361
YIQ	211.2540, -21.8670, -16.7070

Conversions

Conversions Part 2

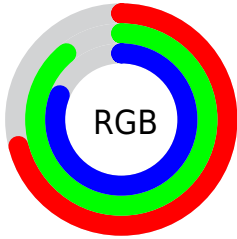
Format	Color
RYB	180, 211, 228
Decimal	11855055
CIELab	86.85, -19.63, 5.17
CIELCh	87, 20.297, 165.234
Yxy	69.6951, 0.2936, 0.3539
Android (android.graphics.Color)	4290045135 (0xFFB4E4CF)
YUV	211.2540, -2.0972, -27.4098
Hunter-Lab	83.4836, -22.4510, 9.1250

Details

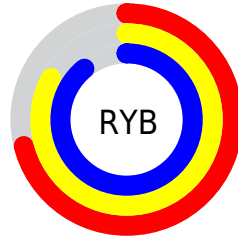
The XYZ color **57.8283, 69.6951, 69.4361** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.8613, 53.3554, 62.4577**, and the grayscale version is **62.1101, 65.3447, 71.1604**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **29.1065, 36.2406, 35.5980** is the 20% darker color. If you saturate the color by 10%, you get **51.7697, 66.7102, 62.9865**, and if you desaturate by 10%, it is **64.8410, 73.1668, 76.3356**.

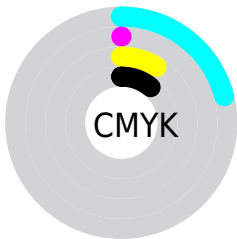
Distribution



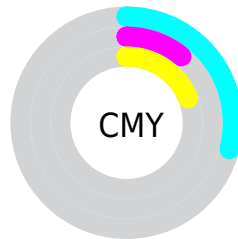
- Red (71%)
- Green (89%)
- Blue (81%)



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



- Cyan (21%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8283, 69.6951, 69.4361 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 57.8283, 69.6951, 69.4361 by changing the saturation by 10% instead.

■ 57.8283, 69.6951,
69.4361

■ 57.8283, 69.6951,
69.4361

406.5100,
459.4787, 477.3031

■ 41.9134, 51.2780,
50.5930

■ 100.7972,
118.7738, 120.0778

■ 29.2243, 36.4299,
35.5103

128.5818,
150.2043, 152.7135

■ 19.3957, 24.7664,
23.7696

161.0538,
186.7413, 190.7838

■ 12.0622, 15.9031,
14.9521

198.5783,
228.7693, 234.7072

■ 6.8586, 9.4556,
8.6396

241.5209,
276.6726, 284.9023

■ 3.4194, 5.0395,
4.4132


290.2468,

■ 1.3792, 2.2705,


330.8357, 341.7876


1.8547


345.1214,
391.6429, 405.7817

 0.2413, 0.7580,
0.4637


 0.0000, 0.0000,
0.0000


 57.8283, 69.6951,
69.4361

 57.8283, 69.6951,
69.4361


 51.7697, 66.7102,
62.9865


 64.8410, 73.1668,
76.3356


 46.6152, 64.1807,
56.9728

 72.8431, 77.1375,
83.6894

 42.3192, 62.0852,
51.3866

 81.8751, 81.6300,
91.5080

 38.8294, 60.3970,
46.2177

 85.7587, 83.4590,
99.5089

■ 36.0876, 59.0861,
41.4554

■ 87.0347, 83.9694,
106.2282

■ 34.0272, 58.1184,
37.0881

■ 32.5689, 57.4533,
33.1037

■ 31.6571, 57.0543,
29.8505

Harmonies

Analogous

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



59.9906, 69.6951, 58.9743



57.8283, 69.6951, 69.4361



57.8458, 69.6951, 82.9413

Triad

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



57.8283, 69.6951, 69.4361



68.6628, 69.6951, 103.9088



72.8597, 69.6951, 58.8474

Complementary

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



57.8283, 69.6951, 69.4361



58.8613, 53.3554, 62.4577

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.



75.4161, 69.6951, 69.2428



57.8283, 69.6951, 69.4361



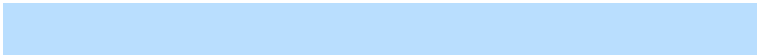
72.9156, 69.6951, 95.7565

Square

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



57.8283, 69.6951, 69.4361



63.9509, 69.6951, 103.9767



75.4370, 69.6951, 82.7237



68.5894, 69.6951, 53.3738

Rectangle

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



57.8283, 69.6951, 69.4361



59.0854, 69.6951, 91.9346



75.4370, 69.6951, 82.7237



73.9567, 69.6951, 61.8232

Sweetspot

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



57.8302, 69.6980, 69.4377



88.5842, 96.7891, 103.0691



60.2330, 71.2860, 53.7661



18.8162, 20.6452, 21.9280



0.0000, 0.0000, 0.0000



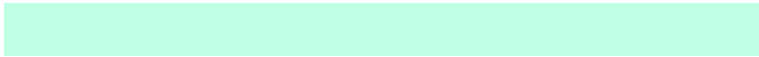
20.3446, 21.4041, 23.3091

Same Dimension

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



57.8302, 69.6980, 69.4377



71.1887, 88.1808, 86.0190



59.9160, 69.4831, 83.6559



14.5271, 16.2243, 17.0406



18.3397, 32.9680, 17.5551



1.4017, 2.4548, 1.5421

Inverse Universe

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



58.8613, 53.3554, 62.4577



72.7304, 63.7528, 75.5888



57.0452, 53.4110, 50.4838



14.6376, 14.4722, 16.2920



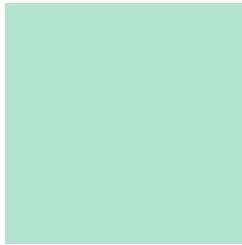
19.8538, 10.0757, 8.1250



1.5131, 0.7630, 0.8426

Previews

White Background



This preview shows how the XYZ color 57.8283, 69.6951, 69.4361 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 57.8283, 69.6951, 69.4361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

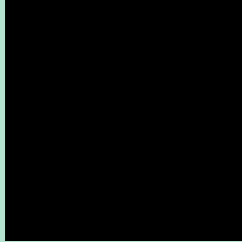
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

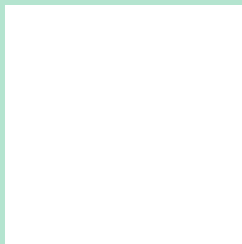
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8283, 69.6951, 69.4361

Background



This preview shows how black text looks on a background with the XYZ color 57.8283, 69.6951, 69.4361.

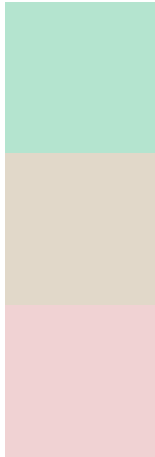


This preview shows how white text looks on a background with the XYZ color 57.8283, 69.6951,

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

57.8283, 69.6951, 69.4361

Protanopia

66.1498, 69.3363, 65.1551

Deuteranopia

70.7396, 69.3216, 71.2800



Tritanopia

62.5146, 69.5653, 93.3517

Trichromacy



Original Color

57.8283, 69.6951, 69.4361

Protanomaly

62.6672, 69.0535, 66.5257

Deuteranomaly

65.3592, 69.1843, 70.8819

Tritanomaly

60.8352, 69.6979, 84.3754

Monochromacy



Original Color

57.8283, 69.6951, 69.4361

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 57.8283, 69.6951, 69.4361 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(180, 228, 207)` looks like.

```
.text, #text, p{  
    color:rgb(180, 228, 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(180, 228, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 228, 207) }
```

Border

The CSS property to change the border of an element to XYZ 57.8283, 69.6951, 69.4361 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(180, 228, 207) }
```


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

```
.border{ border-color:rgb(180, 228, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 228, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 228, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 228, 207);  
box-shadow:4px 4px 4px 4px rgb(180, 228,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8283, 69.6951, 69.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 228, 207) }
```

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

```
.background{ background-color: rgb(180,  
228, 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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