

Converting Colors

XYZ(57.5248, 69.5350, 67.8511)

Have a look what the booklet for
XYZ(57.5248, 69.5350, 67.8511)
contains.

XYZ(57.5852, 69.5979, 68.1563)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.5852, 69.5979,
68.1563)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E4CD
RGB	180, 228, 205
RGB Percent	71%, 89%, 80%
CMY	0.2941, 0.1059, 0.1961
CMYK	0.21, 0.00, 0.10, 0.11
HSL	151°, 47%, 80%
HSV	151°, 21%, 89%
XYZ	57.5852, 69.5979, 68.1563
YIQ	211.0260, -21.2250, -17.3290

Conversions

Conversions Part 2

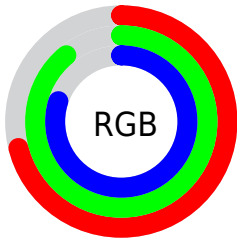
Format	Color
RYB	180, 212, 228
Decimal	11855053
CIELab	86.80, -20.02, 6.16
CIELCh	87, 20.940, 162.906
Yxy	69.5979, 0.2948, 0.3563
Android (android.graphics.Color)	4290045133 (0xFFB4E4CD)
YUV	211.0260, -2.9708, -27.2098
Hunter-Lab	83.4254, -22.7829, 9.9594

Details

The XYZ color **57.5852, 69.5979, 68.1563** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.0980, 53.4499, 63.7049**, and the grayscale version is **61.9647, 65.1916, 70.9937**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **28.9426, 36.1750, 34.7352** is the 20% darker color. If you saturate the color by 10%, you get **51.4347, 66.5762, 61.2232**, and if you desaturate by 10%, it is **64.7048, 73.1123, 75.6185**.

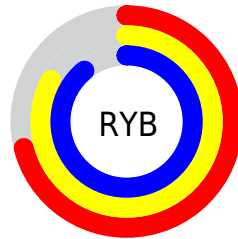
Distribution



Red (71%)

Green (89%)

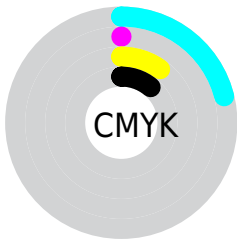
Blue (80%)



Red (71%)

Yellow (83%)

Blue (89%)

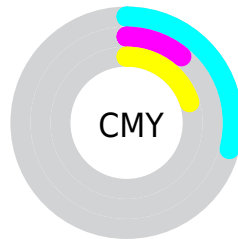


Cyan (21%)

Magenta (0%)

Yellow (10%)

Black (11%)



Cyan (29%)

Magenta (11%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.5852, 69.5979, 68.1563 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 57.5852, 69.5979, 68.1563 by changing the saturation by 10% instead.

■ 57.5852, 69.5979,
68.1563

■ 57.5852, 69.5979,
68.1563

405.6173,
459.1369, 472.6627

■ 41.7172, 51.1988,
49.5574

■ 100.4450,
118.6352, 118.2320

■ 29.0701, 36.3668,
34.6931

128.1676,
150.0421, 150.5460

■ 19.2784, 24.7176,
23.1449

160.5724,
186.5538, 188.2687

■ 11.9768, 15.8668,
14.4943

198.0247,
228.5546, 231.8187

■ 6.8000, 9.4300,
8.3226

240.8901,
276.4289, 281.6146

■ 3.3825, 5.0227,
4.2113


289.5337,


■ 1.3591, 2.2606,

330.5611, 338.0748


1.7420


344.3210,
391.3356, 401.6180


 0.2268, 0.7527,
0.3893


 0.0000, 0.0000,
0.0000


 57.5852, 69.5979,
68.1563


 57.5852, 69.5979,
68.1563


 51.4347, 66.5762,
61.2232


 64.7048, 73.1123,
75.6185

 46.2031, 64.0159,
54.8027

 72.8292, 77.1320,
83.6166

 41.8440, 61.8952,
48.8841

 81.9994, 81.6798,
92.1632

 38.3047, 60.1871,
43.4546

 86.0377, 83.5706,
100.9780

■ 35.5265, 58.8617,
38.5005

■ 87.0347, 83.9695,
106.2282

■ 33.4422, 57.8845,
34.0076

■ 31.9720, 57.2146,
29.9605

■ 31.0592, 56.8153,
26.7022

Harmonies

Analogous

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



59.9689, 69.5979, 57.7599



57.5852, 69.5979, 68.1563



57.4237, 69.5979, 81.9394

Triad

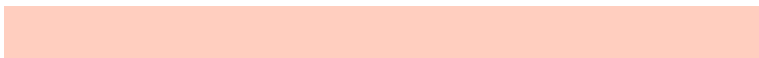
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.5852, 69.5979, 68.1563



68.2677, 69.5979, 105.0923



73.2608, 69.5979, 58.9255

Complementary

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



57.5852, 69.5979, 68.1563



59.0980, 53.4499, 63.7049

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.



75.7200, 69.5979, 69.9378



57.5852, 69.5979, 68.1563



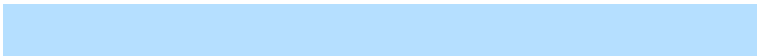
72.7434, 69.5979, 97.2058

Square

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



57.5852, 69.5979, 68.1563



63.4321, 69.5979, 104.4619



75.5261, 69.5979, 83.9526



68.9459, 69.5979, 52.8972

Rectangle

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



57.5852, 69.5979, 68.1563



58.5851, 69.5979, 91.3290



75.5261, 69.5979, 83.9526



74.3412, 69.5979, 62.1048

Sweetspot

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



57.5871, 69.6008, 68.1579



88.4853, 96.7495, 102.5482



60.6671, 71.5099, 53.7861



18.7928, 20.6358, 21.8048



0.0000, 0.0000, 0.0000



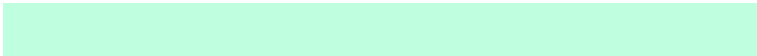
20.3446, 21.4041, 23.3091

Same Dimension

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



57.5871, 69.6008, 68.1579



70.8246, 88.0351, 84.1019



60.3521, 70.3554, 83.8014



14.5012, 16.2139, 16.9043



17.9942, 32.8298, 15.7358



1.3766, 2.4448, 1.4098

Inverse Universe

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



59.0980, 53.4499, 63.7049



73.0832, 63.8939, 77.4468



56.7184, 52.7572, 50.3746



14.6632, 14.4825, 16.4268



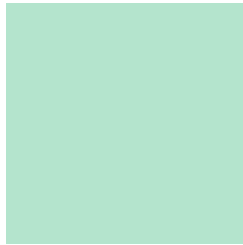
20.1361, 10.1887, 9.6119



1.5347, 0.7716, 0.9563

Previews

White Background



This preview shows how the XYZ color 57.5852, 69.5979, 68.1563 looks on a white background.

Color Contrast Check

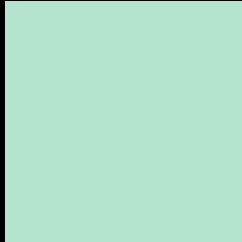
Large Text (above 18pt) WCAG AA × Fail

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 57.5852, 69.5979, 68.1563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

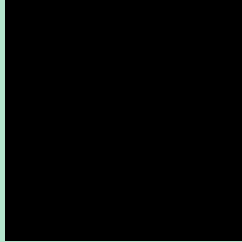
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

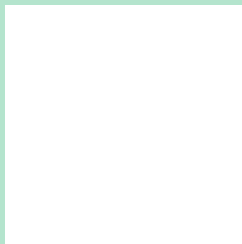
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.5852, 69.5979, 68.1563

Background



This preview shows how black text looks on a background with the XYZ color 57.5852, 69.5979, 68.1563.

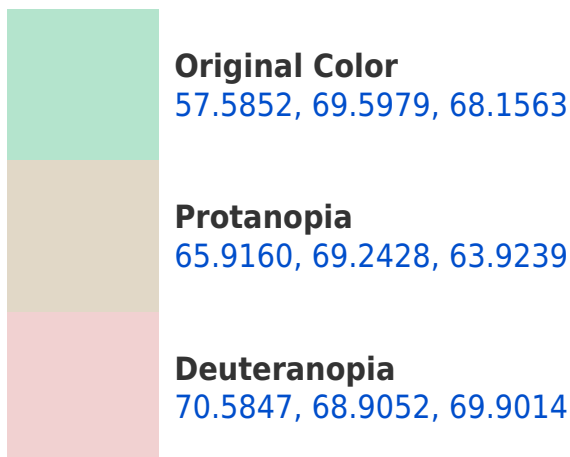


This preview shows how white text looks on a background with the XYZ color 57.5852, 69.5979,

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

62.7584, 69.6910, 93.3631

Trichromacy



Original Color

57.5852, 69.5979, 68.1563

Protanomaly

62.4303, 68.9588, 65.2783

Deuteranomaly

65.1545, 68.7259, 69.5059

Tritanomaly

60.6960, 69.6422, 83.6421

Monochromacy



Original Color

57.5852, 69.5979, 68.1563

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.1409, 66.5085, 69.9893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5852, 69.5979, 68.1563 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(180, 228, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 228, 205) }
```

Border

The CSS property to change the border of an element to XYZ 57.5852, 69.5979, 68.1563 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, 205) }
```


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

```
.border{ border-color:rgb(180, 228, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 228, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 228, 205);  
box-shadow:4px 4px 4px 4px rgb(180, 228,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5852, 69.5979, 68.1563 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, 205) }
```

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

```
.background{ background-color: rgb(180,  
228, 205) }
```

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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