

Converting Colors

XYZ(57.6481, 67.7200, 68.9689)

Have a look what the booklet for
XYZ(57.6481, 67.7200, 68.9689)
contains.

XYZ(57.6577, 67.5946, 69.0397)	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(57.6577, 67.5946,
69.0397)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DFCF
RGB	185, 223, 207
RGB Percent	73%, 87%, 81%
CMY	0.2745, 0.1255, 0.1882
CMYK	0.17, 0.00, 0.07, 0.13
HSL	155°, 37%, 80%
HSV	155°, 17%, 87%
XYZ	57.6577, 67.5946, 69.0397
YIQ	209.8140, -17.5120, -13.0320

Conversions

Conversions Part 2

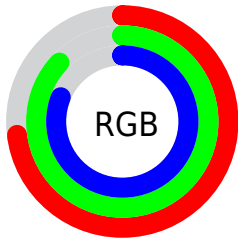
Format	Color
R _Y B	185, 209, 223
Decimal	12181455
CIE Lab	85.80, -15.55, 3.70
CIE LCh	86, 15.980, 166.605
Yxy	67.5946, 0.2968, 0.3479
Android (android.graphics.Color)	4290371535 (0xFFB9DFCF)
YUV	209.8140, -1.3873, -21.7619
Hunter-Lab	82.2159, -18.6966, 7.7632

Details

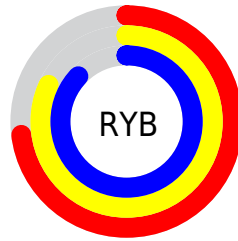
The XYZ color **57.6577, 67.5946, 69.0397** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.3253, 54.6046, 62.7268**, and the grayscale version is **61.1551, 64.3399, 70.0662**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **29.1125, 35.1305, 35.3835** is the 20% darker color. If you saturate the color by 10%, you get **51.5803, 64.5922, 62.9401**, and if you desaturate by 10%, it is **64.6510, 71.0650, 75.5415**.

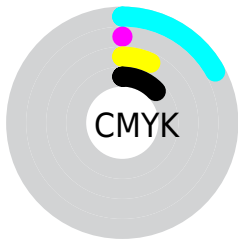
Distribution



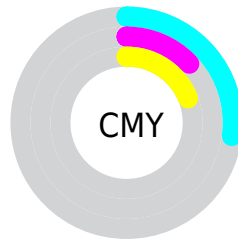
- Red (73%)
- Green (87%)
- Blue (81%)



- Red (73%)
- Yellow (82%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6577, 67.5946, 69.0397 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 57.6577, 67.5946, 69.0397 by changing the saturation by 10% instead.

■ 57.6577, 67.5946,
69.0397

■ 57.6577, 67.5946,
69.0397

405.8837,
452.0583, 475.8687

■ 41.7757, 49.5680,
50.2721

■ 100.5501,
115.7720, 119.5065

■ 29.1161, 35.0703,
35.2569

128.2911,
146.6916, 152.0428

■ 19.3134, 23.7170,
23.5757

160.7160,
182.6776, 190.0057

■ 12.0023, 15.1238,
14.8099

198.1899,
224.1145, 233.8138

■ 6.8174, 8.9063,
8.5410

241.0783,
271.3866, 283.8856

■ 3.3935, 4.6801,
4.3503

289.7465,

■ 1.3651, 2.0608,

324.8784, 340.6397

1.8194

344.5598,
384.9741, 404.4945

■ 0.2312, 0.6425,
0.4407

■ 0.0000, 0.0000,
0.0000

■ 57.6577, 67.5946,
69.0397

■ 57.6577, 67.5946,
69.0397

■ 51.5803, 64.5922,
62.9401

■ 64.6510, 71.0650,
75.5415

■ 46.3727, 62.0285,
57.2302


■ 72.5923, 75.0143,
82.4487


■ 41.9932, 59.8842,
51.9031


■ 81.5192, 79.4634,
89.7703


■ 38.3945, 58.1349,
46.9502


■ 84.0439, 80.6039,
97.1664


 35.5240, 56.7537,
42.3622

 85.5111, 81.1907,
104.8926

 33.3224, 55.7101,
38.1295

 85.6789, 81.2579,
105.7763

 31.7204, 54.9686,
34.2418

 30.6279, 54.4830,
30.6875

 30.3579, 54.3655,
29.6966

Harmonies

Analogous

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



59.2802, 67.5946, 60.6345



57.6577, 67.5946, 69.0397



57.7524, 67.5946, 79.4942

Triad

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



57.6577, 67.5946, 69.0397



66.2734, 67.5946, 94.5919



69.1905, 67.5946, 59.9375

Complementary

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



57.6577, 67.5946, 69.0397



58.3253, 54.6046, 62.7268

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.



71.2103, 67.5946, 68.0027



57.6577, 67.5946, 69.0397



69.4830, 67.5946, 88.2912

Square

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



57.6577, 67.5946, 69.0397



62.6343, 67.5946, 94.9368



71.3194, 67.5946, 78.3548



65.8864, 67.5946, 55.7250

Rectangle

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



57.6577, 67.5946, 69.0397



58.7752, 67.5946, 86.2480



71.3194, 67.5946, 78.3548



70.0475, 67.5946, 62.2515

Sweetspot

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



57.6596, 67.5974, 69.0412



89.6613, 97.3205, 104.1985



59.3599, 68.7634, 56.0439



19.0348, 20.7529, 22.1638



0.0000, 0.0000, 0.0000



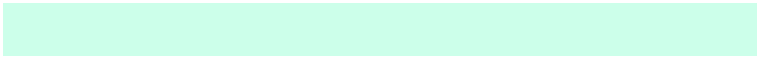
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6596, 67.5974, 69.0412



75.4448, 90.2706, 90.9315



59.0449, 67.0765, 79.6504



13.8598, 15.4696, 16.2968



17.9068, 31.9876, 17.7639



1.2856, 2.2350, 1.4652

Inverse Universe

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



58.3253, 54.6046, 62.7268



76.4885, 69.9080, 81.0373



57.0741, 54.9597, 53.5000



13.9455, 13.7958, 15.4831



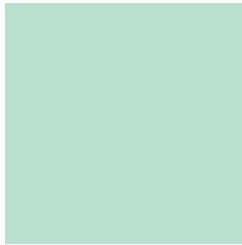
19.1323, 9.7199, 7.3626



1.3701, 0.6913, 0.7420

Previews

White Background



This preview shows how the XYZ color 57.6577, 67.5946, 69.0397 looks on a white background.

Color Contrast Check

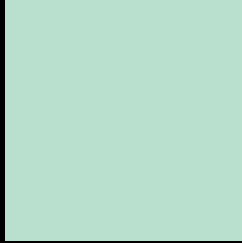
Large Text (above 18pt) WCAG AA × Fail

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 57.6577, 67.5946, 69.0397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

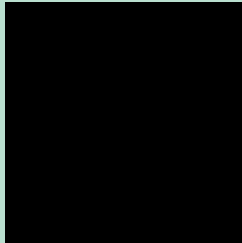
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

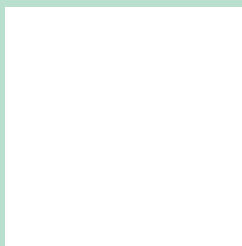
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6577, 67.5946, 69.0397

Background



This preview shows how black text looks on a background with the XYZ color 57.6577, 67.5946, 69.0397.



This preview shows how white text looks on a background with the XYZ color 57.6577, 67.5946,

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

57.6577, 67.5946, 69.0397

Protanopia

64.2737, 67.2249, 65.4652

Deuteranopia

68.5378, 67.1117, 70.3143



Tritanopia

61.7070, 67.6663, 89.1655

Trichromacy



Original Color

57.6577, 67.5946, 69.0397

Protanomaly

61.7244, 67.3952, 66.8821

Deuteranomaly

63.9181, 66.9437, 69.8742

Tritanomaly

59.9228, 67.3140, 81.0688

Monochromacy



Original Color

57.6577, 67.5946, 69.0397

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.8965, 65.6218, 69.8310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6577, 67.5946, 69.0397 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(185, 223, 207)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 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(185, 223, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 207) }
```

Border

The CSS property to change the border of an element to XYZ 57.6577, 67.5946, 69.0397 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(185, 223, 207) }
```


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

```
.border{ border-color:rgb(185, 223, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 223, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 223, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 223, 207);  
box-shadow:4px 4px 4px 4px rgb(185, 223,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6577, 67.5946, 69.0397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 223, 207) }
```

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

```
.background{ background-color: rgb(185,  
223, 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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