

Converting Colors

XYZ(57.4834, 68.9020, 69.9556)

Have a look what the booklet for
XYZ(57.4834, 68.9020, 69.9556)
contains.

XYZ(57.6766, 69.1955, 69.9907)	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(57.6766, 69.1955,
69.9907)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E3D0
RGB	180, 227, 208
RGB Percent	71%, 89%, 82%
CMY	0.2941, 0.1098, 0.1843
CMYK	0.21, 0.00, 0.08, 0.11
HSL	156°, 46%, 80%
HSV	156°, 21%, 89%
XYZ	57.6766, 69.1955, 69.9907
YIQ	210.7810, -21.9130, -15.8730

Conversions

Conversions Part 2

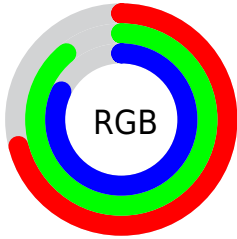
Format	Color
RYB	180, 209, 227
Decimal	11854800
CIELab	86.60, -18.94, 4.29
CIELCh	87, 19.416, 167.231
Yxy	69.1955, 0.2930, 0.3515
Android (android.graphics.Color)	4290044880 (0xFFB4E3D0)
YUV	210.7810, -1.3710, -26.9949
Hunter-Lab	83.1838, -21.8064, 8.3422

Details

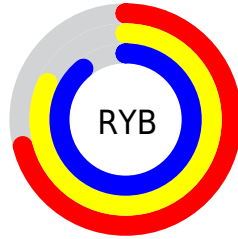
The XYZ color **57.6766, 69.1955, 69.9907** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.3110, 53.0986, 61.2114**, and the grayscale version is **61.7930, 65.0110, 70.7970**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **29.1894, 36.2738, 36.0349** is the 20% darker color. If you saturate the color by 10%, you get **51.7222, 66.2545, 63.9881**, and if you desaturate by 10%, it is **64.5657, 72.6146, 76.3811**.

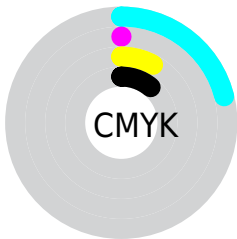
Distribution



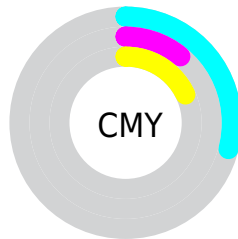
- Red (71%)
- Green (89%)
- Blue (82%)



- Red (71%)
- Yellow (82%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)





- Cyan (29%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6766, 69.1955, 69.9907 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 57.6766, 69.1955, 69.9907 by changing the saturation by 10% instead.


 57.6766, 69.1955,
69.9907

 57.6766, 69.1955,
69.9907


405.9531,
457.7202, 479.3056

 41.7910, 50.8709,
51.0422


 100.5774,
118.0608, 120.8765

 29.1280, 36.1059,
35.8652


128.3234,
149.3703, 153.6508

 19.3225, 24.5160,
24.0413


160.7534,
185.7769, 191.8709

 12.0089, 15.7168,
15.1517

198.2329,
227.6650, 235.9552

 6.8220, 9.3240,
8.7781

241.1273,
275.4189, 286.3223

 3.3964, 4.9531,
4.5019

289.8019,

 1.3667, 2.2198,

329.4232, 343.3907

1.9045

344.6220,
390.0622, 407.5789

■ 0.2323, 0.7307,
0.4956

■ 0.0000, 0.0000,
0.0000

■ 57.6766, 69.1955,
69.9907

■ 57.6766, 69.1955,
69.9907

■ 51.7222, 66.2545,
63.9881

■ 64.5657, 72.6146,
76.3811

■ 46.6536, 63.7608,
58.3610

■ 72.4239, 76.5237,
83.1620

■ 42.4258, 61.6934,
53.1027

■ 81.2911, 80.9452,
90.3423

■ 38.9879, 60.0259,
48.2050

■ 85.1479, 82.7757,
97.6456

■ 36.2826, 58.7291,
43.6589

■ 86.5821, 83.3494,
105.1982

■ 34.2449, 57.7695,
39.4549

■ 86.7604, 83.4207,
106.1368

■ 32.7973, 57.1075,
35.5830

■ 31.8596, 56.6964,
32.2703

Harmonies

Analogous

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



59.6119, 69.1955, 59.7202



57.6766, 69.1955, 69.9907



57.8366, 69.1955, 82.9324

Triad

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



57.6766, 69.1955, 69.9907



68.3677, 69.1955, 101.6082



71.8276, 69.1955, 58.5583

Complementary

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



57.6766, 69.1955, 69.9907



58.3110, 53.0986, 61.2114

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.



74.3937, 69.1955, 68.2297



57.6766, 69.1955, 69.9907



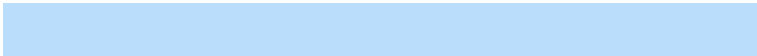
72.3345, 69.1955, 93.4752

Square

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



57.6766, 69.1955, 69.9907



63.8721, 69.1955, 102.2196



74.5834, 69.1955, 80.9596



67.7015, 69.1955, 53.6446

Rectangle

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



57.6766, 69.1955, 69.9907



59.1094, 69.1955, 91.3708



74.5834, 69.1955, 80.9596



72.9093, 69.1955, 61.3070

Sweetspot

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



57.6785, 69.1984, 69.9922



88.6633, 96.8208, 103.4860



59.4178, 70.4585, 53.6492



18.8349, 20.6527, 22.0265



0.0000, 0.0000, 0.0000



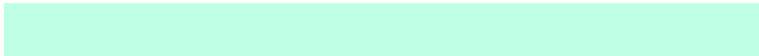
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6785, 69.1984, 69.9922



71.4833, 88.2986, 87.5703



59.0997, 68.0721, 82.7008



14.5479, 16.2326, 17.1499



18.6390, 33.0877, 19.1310



1.4231, 2.4633, 1.6544

Inverse Universe

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



58.3110, 53.0986, 61.2114



72.4528, 63.6417, 74.1272



57.0420, 53.8742, 50.5733



14.6173, 14.4641, 16.1849



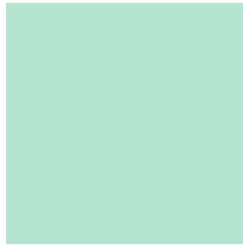
19.6502, 9.9943, 7.0528



1.4971, 0.7565, 0.7582

Previews

White Background



This preview shows how the XYZ color 57.6766, 69.1955, 69.9907 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 57.6766, 69.1955, 69.9907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

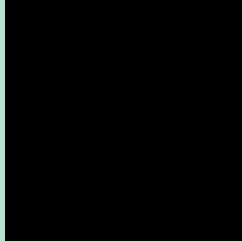
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

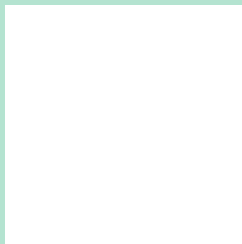
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6766, 69.1955, 69.9907

Background



This preview shows how black text looks on a background with the XYZ color 57.6766, 69.1955, 69.9907.

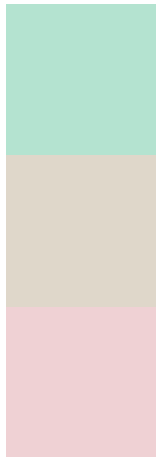


This preview shows how white text looks on a background with the XYZ color 57.6766, 69.1955,

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

57.6766, 69.1955, 69.9907

Protanopia

65.3925, 68.5531, 65.6626

Deuteranopia

70.2807, 68.7051, 71.8446



Tritanopia

62.0992, 68.9729, 92.4782

Trichromacy



Original Color

57.6766, 69.1955, 69.9907

Protanomaly

61.9627, 68.2881, 67.0419

Deuteranomaly

65.2272, 68.7203, 71.4545

Tritanomaly

60.4264, 69.1031, 83.5522

Monochromacy



Original Color

57.6766, 69.1955, 69.9907

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 57.6766, 69.1955, 69.9907 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, 227, 208)` looks like.

```
.text, #text, p{  
    color:rgb(180, 227, 208)  
}
```

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, 227, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 227, 208) }
```

Border

The CSS property to change the border of an element to XYZ 57.6766, 69.1955, 69.9907 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, 227, 208) }
```


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

```
.border{ border-color:rgb(180, 227, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 227, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 227, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 227, 208);  
box-shadow:4px 4px 4px 4px rgb(180, 227,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6766, 69.1955, 69.9907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 227, 208) }
```

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

```
.background{ background-color: rgb(180,  
227, 208) }
```

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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