

Converting Colors

XYZ(50.7085, 57.7614, 67.6819)

Have a look what the booklet for
XYZ(50.7085, 57.7614, 67.6819)
contains.

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Color

**XYZ(50.5674, 57.5318,
67.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	ADCECF
RGB	173, 206, 207
RGB Percent	68%, 81%, 81%
CMY	0.3216, 0.1921, 0.1882
CMYK	0.16, 0.00, 0.00, 0.19
HSL	182°, 26%, 75%
HSV	182°, 16%, 81%
XYZ	50.5674, 57.5318, 67.4711
YIQ	196.2470, -19.9890, -6.6850

Conversions

Conversions Part 2

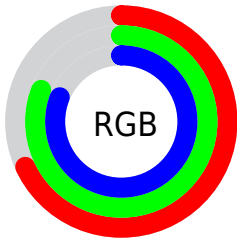
Format	Color
R _Y B	173, 190, 207
Decimal	11390671
CIE Lab	80.48, -10.70, -4.17
CIE LCh	80, 11.487, 201.279
Yxy	57.5318, 0.2880, 0.3277
Android (android.graphics.Color)	4289580751 (0xFFADCECF)
YUV	196.2470, 5.3012, -20.3876
Hunter-Lab	75.8497, -13.7348, 0.3542

Details

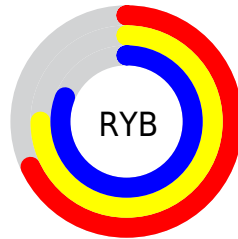
The XYZ color **50.5674, 57.5318, 67.4711** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.4116, 46.5548, 45.9707**, and the grayscale version is **52.5967, 55.3358, 60.2607**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **24.7237, 28.7495, 34.3831** is the 20% darker color. If you saturate the color by 10%, you get **46.1946, 55.0624, 67.2259**, and if you desaturate by 10%, it is **55.6533, 60.3726, 67.7523**.

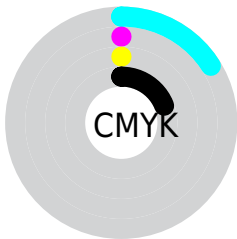
Distribution



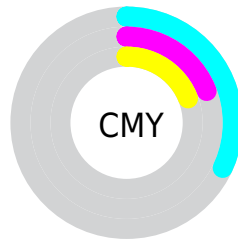
- Red (68%)
- Green (81%)
- Blue (81%)



- Red (68%)
- Yellow (75%)
- Blue (81%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (32%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5674, 57.5318, 67.4711 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 50.5674, 57.5318, 67.4711 by changing the saturation by 10% instead.

■ 50.5674, 57.5318,
67.4711

■ 50.5674, 57.5318,
67.4711

379.2961,
415.4390, 470.1669

■ 36.0841, 41.4324,
49.0036

■ 90.2018, 101.2407,
117.2422

■ 24.6696, 28.6571,
34.2567

116.0836,
129.6190, 149.3829

■ 15.9585, 18.8216,
22.8119

146.4956,
162.8591, 186.9184

■ 9.5854, 11.5414,
14.2507

181.8032,
201.3452, 230.2673

■ 5.1851, 6.4322,
8.1545

222.3716,
245.4619, 279.8480

■ 2.3921, 3.1096,
4.1048

268.5664,

■ 0.8412, 1.1892,

295.5935, 336.0791

1.6830

320.7527,
352.1244, 399.3793

■ 0.0000, 0.0529,
0.3490

■ 0.0000, 0.0000,
0.0000

■ 50.5674, 57.5318,
67.4711

■ 50.5674, 57.5318,
67.4711

■ 46.1946, 55.0624,
67.2259

■ 55.6533, 60.3726,
67.7523

■ 42.4973, 52.9406,
67.0112

■ 61.4777, 63.5935,
68.0670

■ 39.4421, 51.1507,
66.8267

■ 68.0710, 67.2116,
68.4179

■ 36.9908, 49.6729,
66.6707

■ 75.1643, 71.0883,
68.7923

35.1010, 48.4854,
66.5411

75.3130, 71.3858,
68.8419

33.7250, 47.5636,
66.4357

75.4624, 71.6844,
68.8916

32.8071, 46.8788,
66.3519

75.6122, 71.9842,
68.9416

32.2761, 46.3943,
66.2863

75.7627, 72.2851,
68.9918

32.1328, 46.2453,
66.2651

75.9137, 72.5872,
69.0421

Harmonies

Analogous

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



50.3243, 57.5318, 60.6950



50.5674, 57.5318, 67.4711



51.8963, 57.5318, 73.3231

Triad

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



50.5674, 57.5318, 67.4711



58.2945, 57.5318, 71.1163



55.3723, 57.5318, 50.6701

Complementary

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



50.5674, 57.5318, 67.4711



48.4116, 46.5548, 45.9707

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.



57.5661, 57.5318, 53.0527



50.5674, 57.5318, 67.4711



59.2848, 57.5318, 64.6309

Square

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



50.5674, 57.5318, 67.4711



56.3433, 57.5318, 75.5305



59.0145, 57.5318, 58.0497



53.0542, 57.5318, 51.3106

Rectangle

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



50.5674, 57.5318, 67.4711



53.2406, 57.5318, 75.7551



59.0145, 57.5318, 58.0497



56.1497, 57.5318, 51.1374

Sweetspot

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



50.5691, 57.5342, 67.4724



90.3946, 97.4231, 108.6480



47.1453, 56.5501, 48.2549



19.2134, 20.7778, 23.2478



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.



50.5691, 57.5342, 67.4724



78.2364, 90.6265, 107.9769



46.7881, 49.9723, 66.2121



12.1274, 13.3451, 15.1803



20.2576, 29.1618, 41.7536



1.1422, 1.6497, 2.3378

Inverse Universe

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



51.8176, 47.6101, 64.8537



80.6429, 71.5697, 102.9139



51.8124, 53.3565, 47.1044



12.2952, 12.0028, 14.8303



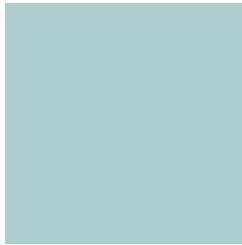
22.8558, 11.0152, 35.7425



1.2828, 0.6178, 2.0239

Previews

White Background



This preview shows how the XYZ color 50.5674, 57.5318, 67.4711 looks on a white background.

Color Contrast Check

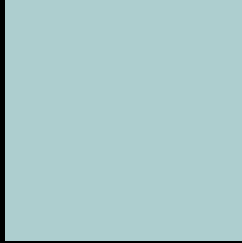
Large Text (above 18pt) WCAG AA × Fail

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 50.5674, 57.5318, 67.4711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

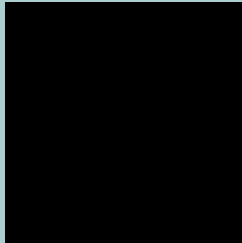
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5674, 57.5318, 67.4711

Background



This preview shows how black text looks on a background with the XYZ color 50.5674, 57.5318, 67.4711.

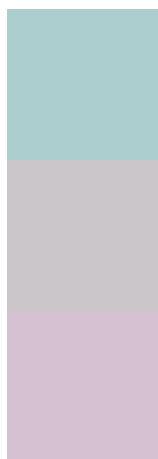


This preview shows how white text looks on a background with the XYZ color 50.5674, 57.5318,

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

50.5674, 57.5318, 67.4711

Protanopia

55.2119, 57.2090, 64.0096

Deuteranopia

58.4344, 57.0892, 68.9123



Tritanopia

52.4156, 57.5831, 76.0622

Trichromacy



Original Color

50.5674, 57.5318, 67.4711

Protanomaly

53.2716, 57.2093, 65.3615

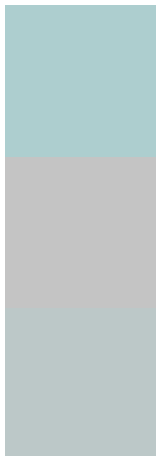
Deuteranomaly

55.2559, 57.1337, 68.4372

Tritanomaly

51.7763, 57.6829, 72.6950

Monochromacy



Original Color

50.5674, 57.5318, 67.4711

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.8186, 56.1700, 62.7544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5674, 57.5318, 67.4711 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(173, 206, 207)` looks like.

```
.text, #text, p{  
    color:rgb(173, 206, 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(173, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 206, 207) }
```

Border

The CSS property to change the border of an element to XYZ 50.5674, 57.5318, 67.4711 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(173, 206, 207) }
```


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

```
.border{ border-color:rgb(173, 206, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 206, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 206, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 206, 207); box-shadow:4px 4px 4px 4px rgb(173, 206, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5674, 57.5318, 67.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 206, 207) }
```

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

```
.background{ background-color: rgb(173,  
206, 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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