

Converting Colors

XYZ(57.6173, 74.7685, 65.4278)

Have a look what the booklet for
XYZ(57.6173, 74.7685, 65.4278)
contains.

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Color

**XYZ(57.6173, 74.7685,
65.4278)**

Conversions

Conversions Part 1

Format	Color
Hex	A8F0C7
RGB	168, 240, 199
RGB Percent	66%, 94%, 78%
CMY	0.3412, 0.0588, 0.2196
CMYK	0.30, 0.00, 0.17, 0.06
HSL	146°, 71%, 80%
HSV	146°, 30%, 94%
XYZ	57.6173, 74.7685, 65.4278
YIQ	213.7980, -29.7510, -28.0150

Conversions

Conversions Part 2

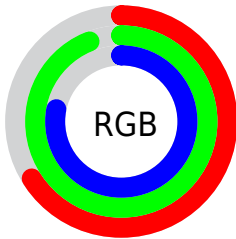
Format	Color
RYB	168, 218, 240
Decimal	11071687
CIELab	89.28, -30.65, 12.75
CIELCh	89, 33.197, 157.406
Yxy	74.7685, 0.2913, 0.3780
Android (android.graphics.Color)	4289261767 (0xFFA8F0C7)
YUV	213.7980, -7.2954, -40.1648
Hunter-Lab	86.4688, -32.3793, 15.6655

Details

The XYZ color **57.6173, 74.7685, 65.4278** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.4490, 51.1357, 66.9561**, and the grayscale version is **63.8441, 67.1690, 73.1470**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **29.1908, 39.9027, 32.9515** is the 20% darker color. If you saturate the color by 10%, you get **51.4556, 71.7693, 57.2252**, and if you desaturate by 10%, it is **64.8686, 78.3170, 74.4286**.

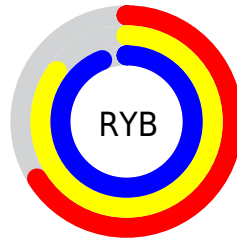
Distribution



Red (66%)

Green (94%)

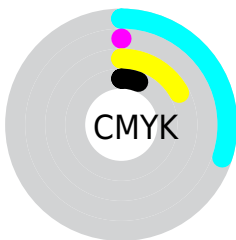
Blue (78%)



Red (66%)

Yellow (85%)

Blue (94%)

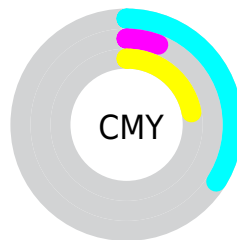


Cyan (30%)

Magenta (0%)

Yellow (17%)

Black (6%)



Cyan (34%)

Magenta (6%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6173, 74.7685, 65.4278 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 57.6173, 74.7685, 65.4278 by changing the saturation by 10% instead.

57.6173, 74.7685,
65.4278

57.6173, 74.7685,
65.4278

405.7353,
477.1215, 462.6759

41.7431, 55.4233,
47.3545

100.4915,
125.9846, 114.2838

29.0904, 39.7407,
32.9596

128.2223,
158.6243, 145.9037

19.2939, 27.3364,
21.8247

160.6359,
196.4642, 182.8761

11.9881, 17.8261,
13.5310

198.0979,
239.8888, 225.6196

6.8077, 10.8252,
7.6602

240.9734,
289.2824, 274.5528

3.3874, 5.9494,
3.7937


289.6279,


1.3618, 2.8143,


345.0294, 330.0943

1.5128


344.4268,
407.5144, 392.6625


 0.2287, 1.0356,
0.2275


 0.0000, 0.0000,
0.0000


 57.6173, 74.7685,
65.4278


 57.6173, 74.7685,
65.4278


 51.4556, 71.7693,
57.2252


 64.8686, 78.3170,
74.4286


 46.3218, 69.2819,
49.7937

 73.2549, 82.4318,
84.2438

 42.1569, 67.2784,
43.1118

 82.8265, 87.1403,
94.8954

 38.8935, 65.7245,
37.1552

 90.2382, 90.7177,
106.2443

■ 36.4545, 64.5810,
31.8980

■ 90.4515, 90.8030,
107.3672

■ 34.7489, 63.8014,
27.3124

■ 33.6263, 63.3089,
23.3669

Harmonies

Analogous

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



62.0064, 74.7685, 50.8357



57.6173, 74.7685, 65.4278



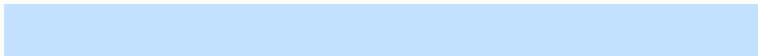
56.6947, 74.7685, 87.3042

Triad

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



57.6173, 74.7685, 65.4278



73.0945, 74.7685, 134.2194



84.1872, 74.7685, 57.1810

Complementary

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



57.6173, 74.7685, 65.4278



61.4490, 51.1357, 66.9561

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.



87.6795, 74.7685, 75.7876



57.6173, 74.7685, 65.4278



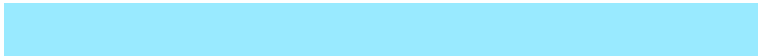
80.9660, 74.7685, 122.2926

Square

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



57.6173, 74.7685, 65.4278



65.2403, 74.7685, 130.0004



86.4580, 74.7685, 99.8039



77.2269, 74.7685, 46.7446

Rectangle

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



57.6173, 74.7685, 65.4278



58.0998, 74.7685, 103.7478



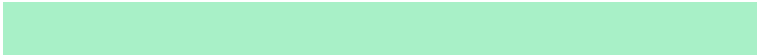
86.4580, 74.7685, 99.8039



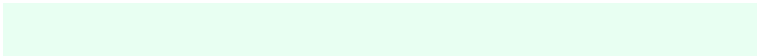
85.8288, 74.7685, 62.5336

Sweetspot

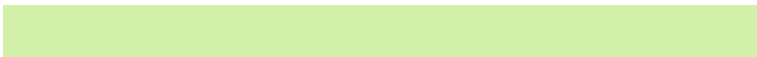
The Sweet Spot groups the original color and five complimentary colors.



57.6193, 74.7716, 65.4295



85.0716, 95.0908, 97.8206



64.8089, 78.8523, 48.8509



17.8861, 20.1948, 20.5701



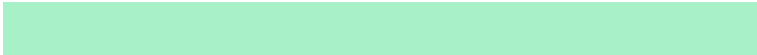
0.0000, 0.0000, 0.0000



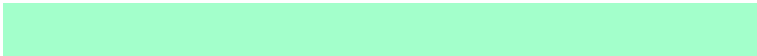
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6193, 74.7716, 65.4295



61.6518, 83.6263, 69.2194



62.1622, 76.5888, 89.3521



15.8484, 17.7694, 18.2247



18.4705, 34.6802, 13.1266



1.5855, 2.9046, 1.3496

Inverse Universe

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



61.4490, 51.1357, 66.9561



66.6998, 52.4563, 71.2211



57.5799, 49.5881, 46.5821



16.1500, 15.9097, 18.3460



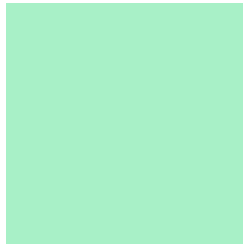
22.1984, 11.1518, 14.2270



1.8965, 0.9476, 1.4457

Previews

White Background



This preview shows how the XYZ color 57.6173, 74.7685, 65.4278 looks on a white background.

Color Contrast Check

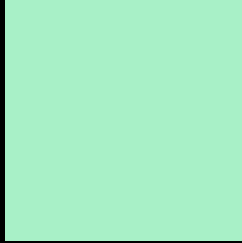
Large Text (above 18pt) WCAG AA × Fail

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 57.6173, 74.7685, 65.4278 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 57.6173, 74.7685, 65.4278

Background



This preview shows how black text looks on a background with the XYZ color 57.6173, 74.7685, 65.4278.



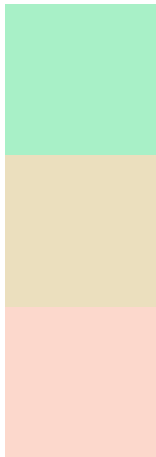
This preview shows how white text looks on a background with the XYZ color 57.6173, 74.7685,

65.4278.

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

57.6173, 74.7685, 65.4278

Protanopia

69.9429, 74.1552, 59.3422

Deuteranopia

75.5998, 74.1668, 67.4578



Tritanopia

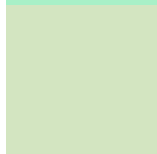
65.1419, 74.8266, 102.2764

Trichromacy



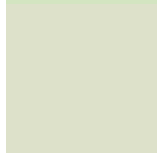
Original Color

57.6173, 74.7685, 65.4278



Protanomaly

64.5089, 73.7378, 61.2849



Deuteranomaly

67.4047, 73.4868, 66.5089



Tritanomaly

62.2401, 74.9311, 87.5267

Monochromacy



Original Color

57.6173, 74.7685, 65.4278



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

60.9223, 69.2491, 70.4771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6173, 74.7685, 65.4278 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(168, 240, 199)` looks like.

```
.text, #text, p{  
    color:rgb(168, 240, 199)  
}
```

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(168, 240, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 240, 199) }
```

Border

The CSS property to change the border of an element to XYZ 57.6173, 74.7685, 65.4278 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(168, 240, 199) }
```


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

```
.border{ border-color:rgb(168, 240, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 240, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 240, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 240, 199);  
box-shadow:4px 4px 4px 4px rgb(168, 240,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6173, 74.7685, 65.4278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 240, 199) }
```

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

```
.background{ background-color: rgb(168,  
240, 199) }
```

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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