

Converting Colors

XYZ(57.0312, 80.7044, 66.3888)

Have a look what the booklet for
XYZ(57.0312, 80.7044, 66.3888)
contains.

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Color

**XYZ(57.0783, 80.8468,
66.6295)**

Conversions

Conversions Part 1

Format	Color
Hex	8FFEC7
RGB	143, 254, 199
RGB Percent	56%, 100%, 78%
CMY	0.4392, 0.0039, 0.2196
CMYK	0.44, 0.00, 0.22, 0.00
HSL	150°, 98%, 78%
HSV	150°, 44%, 100%
XYZ	57.0783, 80.8468, 66.6295
YIQ	214.5410, -48.5010, -40.6370

Conversions

Conversions Part 2

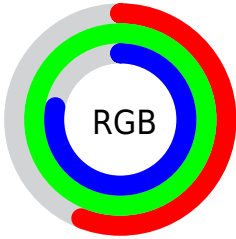
Format	Color
RYB	143, 217, 254
Decimal	9436871
CIELab	92.06, -43.95, 16.52
CIELCh	92, 46.953, 159.402
Yxy	80.8468, 0.2790, 0.3952
Android (android.graphics.Color)	4287626951 (0xFF8FFEC7)
YUV	214.5410, -7.6617, -62.7415
Hunter-Lab	89.9148, -44.0385, 19.0048

Details

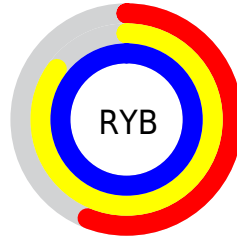
The XYZ color **57.0783, 80.8468, 66.6295** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.8912, 44.7948, 58.8660**, and the grayscale version is **64.3564, 67.7079, 73.7340**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **28.8234, 43.9081, 33.7440** is the 20% darker color. If you saturate the color by 10%, you get **51.7678, 78.2732, 59.0664**, and if you desaturate by 10%, it is **63.5095, 83.9885, 74.8795**.

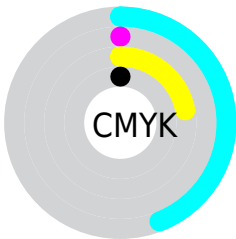
Distribution



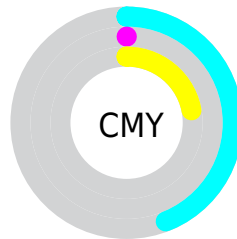
- Red (56%)
- Green (100%)
- Blue (78%)



- Red (56%)
- Yellow (85%)
- Blue (100%)



- Cyan (44%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (44%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0783, 80.8468, 66.6295 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 57.0783, 80.8468, 66.6295 by changing the saturation by 10% instead.


 57.0783, 80.8468,
66.6295


 57.0783, 80.8468,
66.6295


403.7521,
497.7820, 467.0904

 41.3085, 60.4154,
48.3239


 99.7101, 134.5556,
116.0250

 28.7489, 43.7536,
33.7216


 127.3029,
168.6019, 147.9519

 19.0343, 30.4768,
22.4042


159.5673,
207.9552, 185.2564

 11.7992, 20.2008,
13.9531

196.8687,
253.0001, 228.3569

 6.6783, 12.5411,
7.9496

239.5726,
304.1208, 277.6720

 3.3063, 7.1133,
3.9754

288.0442,

 1.3177, 3.5331,

361.7017, 333.6203

1.6119

342.6489,
426.1274, 396.6202

■ 0.1964, 1.4160,
0.2993

■ 0.0000, 0.2284,
0.0000

■ 57.0783, 80.8468,
66.6295

■ 57.0783, 80.8468,
66.6295

■ 51.7678, 78.2732,
59.0664

■ 63.5095, 83.9885,
74.8795

■ 47.5005, 76.2217,
52.1662

■ 71.1192, 87.7212,
83.8286

■ 44.1990, 74.6547,
45.9113

■ 79.9692, 92.0788,
93.4957

■ 41.7713, 73.5253,
40.2809

■ 90.1146, 97.0892,
103.8969

■ 40.1060, 72.7764,
35.2526

94.7333, 99.3666,
108.7944

■ 39.3490, 72.4489,
32.3817

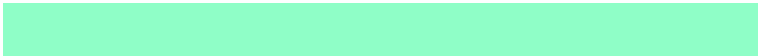
Harmonies

Analogous

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



63.0159, 80.8468, 45.9675



57.0783, 80.8468, 66.6295



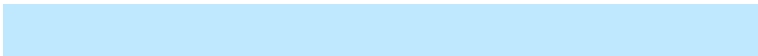
56.1213, 80.8468, 99.3537

Triad

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



57.0783, 80.8468, 66.6295



80.7014, 80.8468, 171.3617



96.2334, 80.8468, 52.1819

Complementary

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



57.0783, 80.8468, 66.6295



60.8912, 44.7948, 58.8660

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.



102.1234, 80.8468, 77.5982



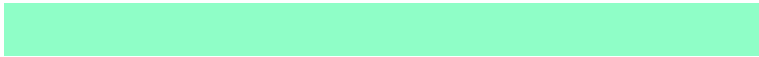
57.0783, 80.8468, 66.6295



92.5566, 80.8468, 150.1170

Square

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



57.0783, 80.8468, 66.6295



68.9537, 80.8468, 166.1757



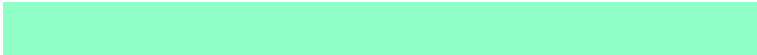
100.7116, 80.8468, 113.5789



85.3111, 80.8468, 39.2719

Rectangle

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



57.0783, 80.8468, 66.6295



58.3237, 80.8468, 124.9091



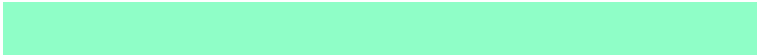
100.7116, 80.8468, 113.5789



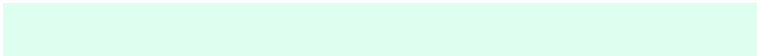
98.9169, 80.8468, 59.2319

Sweetspot

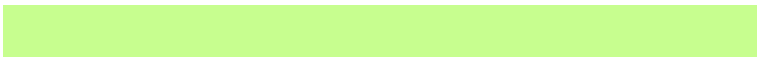
The Sweet Spot groups the original color and five complimentary colors.



57.0805, 80.8501, 66.6313



81.3554, 93.2328, 95.0395



63.8231, 84.9442, 39.0196



16.9635, 19.7338, 19.8655



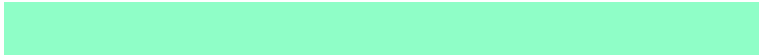
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

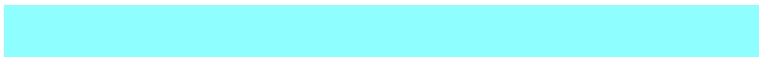
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0805, 80.8501, 66.6313



53.0602, 79.3738, 60.8366



64.6616, 83.8825, 106.5528



18.1539, 20.3211, 21.1134



20.8191, 38.2242, 17.4643



2.0822, 3.7438, 1.9909

Inverse Universe

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



60.8912, 44.7948, 58.8660



57.3371, 38.9128, 52.1249



55.6557, 42.7006, 31.2963



18.3847, 18.1372, 20.6428



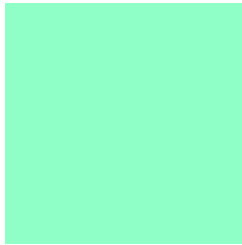
23.6037, 11.9308, 11.8296



2.3533, 1.1837, 1.4418

Previews

White Background



This preview shows how the XYZ color 57.0783, 80.8468, 66.6295 looks on a white background.

Color Contrast Check

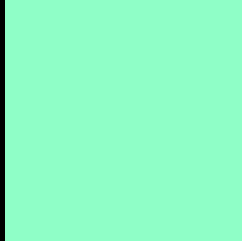
Large Text (above 18pt) WCAG AA × Fail

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 57.0783, 80.8468, 66.6295 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 57.0783, 80.8468, 66.6295

Background



This preview shows how black text looks on a background with the XYZ color 57.0783, 80.8468, 66.6295.



This preview shows how white text looks on a background with the XYZ color 57.0783, 80.8468,

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

57.0783, 80.8468, 66.6295

Protanopia

74.9226, 79.5940, 58.4280

Deuteranopia

80.0489, 79.8639, 73.4836



Tritanopia

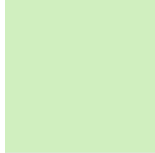
69.5129, 80.4449, 106.4714

Trichromacy



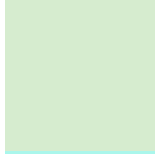
Original Color

57.0783, 80.8468, 66.6295



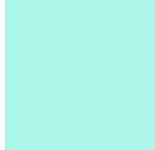
Protanomaly

66.2829, 78.9045, 61.0268



Deuteranomaly

68.9895, 78.7920, 70.6037



Tritanomaly

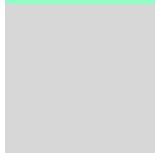
64.5287, 80.4557, 90.7257

Monochromacy



Original Color

57.0783, 80.8468, 66.6295



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

60.5142, 71.4609, 70.9255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0783, 80.8468, 66.6295 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(143, 254, 199)` looks like.

```
.text, #text, p{  
    color:rgb(143, 254, 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(143, 254, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 254, 199) }
```

Border

The CSS property to change the border of an element to XYZ 57.0783, 80.8468, 66.6295 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(143, 254, 199) }
```


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

```
.border{ border-color:rgb(143, 254, 199) }
```

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

Here you see how a box with a 4 pixel rgb(143, 254, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 254, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 254, 199);  
box-shadow:4px 4px 4px 4px rgb(143, 254,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0783, 80.8468, 66.6295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 254, 199) }
```

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

```
.background{ background-color: rgb(143,  
254, 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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