

Converting Colors

XYZ(57.3500, 81.4606, 66.6715)

Have a look what the booklet for
XYZ(57.3500, 81.4606, 66.6715)
contains.

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Color

**XYZ(57.3965, 81.4832,
66.7355)**

Conversions

Conversions Part 1

Format	Color
Hex	8FFFC7
RGB	143, 255, 199
RGB Percent	56%, 100%, 78%
CMY	0.4392, 0.0000, 0.2196
CMYK	0.44, 0.00, 0.22, 0.00
HSL	150°, 100%, 78%
HSV	150°, 44%, 100%
XYZ	57.3965, 81.4832, 66.7355
YIQ	215.1280, -48.7760, -41.1600

Conversions

Conversions Part 2

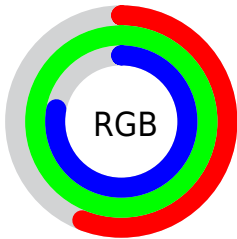
Format	Color
RYB	143, 218, 255
Decimal	9437127
CIELab	92.35, -44.39, 16.92
CIELCh	92, 47.502, 159.138
Yxy	81.4832, 0.2791, 0.3963
Android (android.graphics.Color)	4287627207 (0xFF8FFFC7)
YUV	215.1280, -7.9511, -63.2563
Hunter-Lab	90.2680, -44.4707, 19.3543

Details

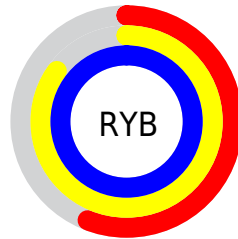
The XYZ color **57.3965, 81.4832, 66.7355** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **61.3717, 45.0292, 59.4900**, and the grayscale version is **64.7538, 68.1260, 74.1892**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **29.0512, 44.3638, 33.8200** is the 20% darker color. If you saturate the color by 10%, you get **52.0536, 78.8927, 59.0794**, and if you desaturate by 10%, it is **63.8680, 84.6411, 75.0946**.

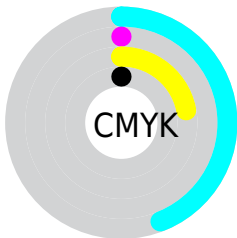
Distribution



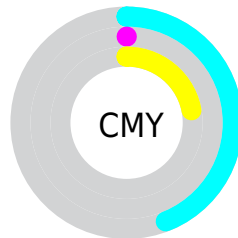
- Red (56%)
- Green (100%)
- Blue (78%)



- 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 57.3965, 81.4832, 66.7355 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 57.3965, 81.4832, 66.7355 by changing the saturation by 10% instead.


 57.3965, 81.4832,
66.7355


 57.3965, 81.4832,
66.7355


404.9236,
499.9174, 467.4785

 41.5650, 60.9396,
48.4095


 100.1715,
135.4490, 116.1784

 28.9505, 44.1765,
33.7890


 127.8458,
169.6401, 148.1323

 19.1875, 30.8093,
22.4555


160.1984,
209.1491, 185.4659

 11.9106, 20.4536,
13.9905

197.5947,
254.3605, 228.5978

 6.7546, 12.7252,
7.9753

240.4000,
305.6586, 277.9464

 3.3541, 7.2396,
3.9916

288.9796,

 1.3437, 3.6124,

363.4279, 333.9304

1.6208

343.6991,
428.0527, 396.9683

0.2155, 1.4592,
0.3056

0.0000, 0.2597,
0.0000

57.3965, 81.4832,
66.7355

57.3965, 81.4832,
66.7355

52.0536, 78.8927,
59.0794

63.8680, 84.6411,
75.0946

47.7654, 76.8321,
52.1031

71.5315, 88.3988,
84.1709

44.4520, 75.2603,
45.7878

80.4477, 92.7873,
93.9833

42.0201, 74.1297,
40.1119

90.6726, 97.8351,
104.5487

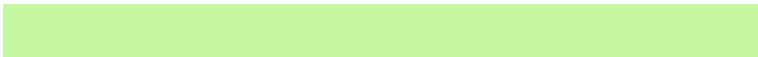
■ 40.3563, 73.3822, 95.0500, 100.0000,
35.0524 108.9000

■ 39.6236, 73.0654,
32.2653

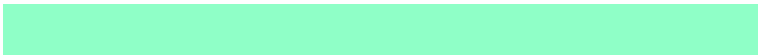
Harmonies

Analogous

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



63.4678, 81.4832, 45.8986



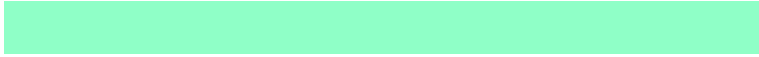
57.3965, 81.4832, 66.7355



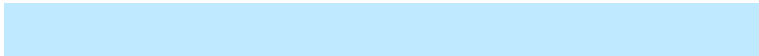
56.3794, 81.4832, 99.9103

Triad

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



57.3965, 81.4832, 66.7355



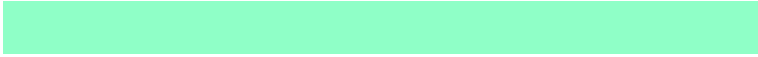
81.2615, 81.4832, 173.7248



97.2615, 81.4832, 52.4909

Complementary

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



57.3965, 81.4832, 66.7355



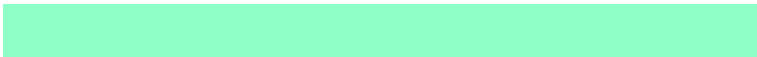
61.3717, 45.0292, 59.4900

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.



103.2016, 81.4832, 78.4006



57.3965, 81.4832, 66.7355



93.3422, 81.4832, 152.2518

Square

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



57.3965, 81.4832, 66.7355



69.3326, 81.4832, 168.1845



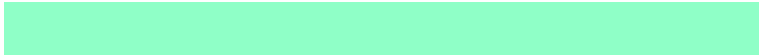
101.6960, 81.4832, 115.0724



86.1718, 81.4832, 39.3142

Rectangle

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



57.3965, 81.4832, 66.7355



58.5851, 81.4832, 125.9257



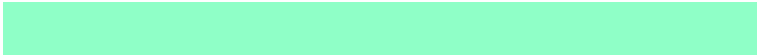
101.6960, 81.4832, 115.0724



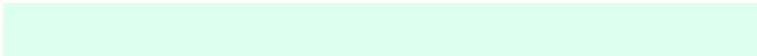
99.9773, 81.4832, 59.6779

Sweetspot

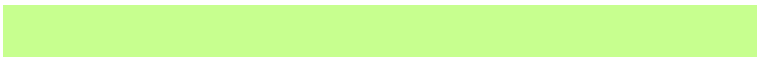
The Sweet Spot groups the original color and five complimentary colors.



57.3972, 81.4835, 66.7368



81.3335, 93.2240, 94.9242



64.2716, 85.6455, 39.1314



16.9581, 19.7317, 19.8371



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.



57.3972, 81.4835, 66.7368



52.5003, 79.1085, 59.7556



65.1381, 84.5799, 107.5001



18.1504, 20.3197, 21.0949



20.7795, 38.2084, 17.2561



2.0784, 3.7423, 1.9704

Inverse Universe

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



61.3717, 45.0292, 59.4900



56.9536, 38.2629, 51.6357



56.0210, 42.8889, 31.3134



18.3882, 18.1386, 20.6613



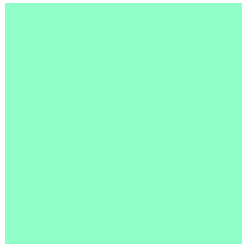
23.6428, 11.9464, 12.0355



2.3571, 1.1852, 1.4621

Previews

White Background



This preview shows how the XYZ color 57.3965, 81.4832, 66.7355 looks on a white background.

Color Contrast Check

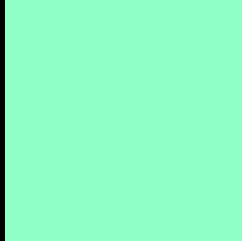
Large Text (above 18pt) WCAG AA × Fail

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 57.3965, 81.4832, 66.7355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

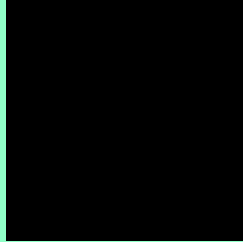
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3965, 81.4832, 66.7355

Background



This preview shows how black text looks on a background with the XYZ color 57.3965, 81.4832, 66.7355.

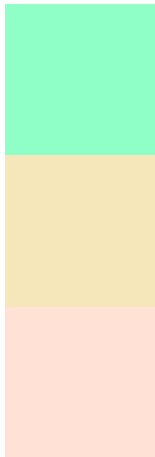


This preview shows how white text looks on a background with the XYZ color 57.3965, 81.4832,

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

57.3965, 81.4832, 66.7355

Protanopia

75.5516, 80.3325, 58.5374

Deuteranopia

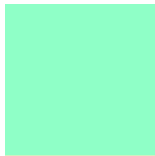
80.4466, 80.4568, 74.2405



Tritanopia

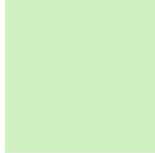
69.9988, 80.6954, 106.4942

Trichromacy



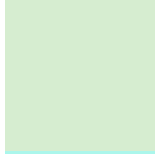
Original Color

57.3965, 81.4832, 66.7355



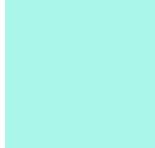
Protanomaly

66.8586, 79.6371, 61.1379



Deuteranomaly

69.4009, 79.4186, 71.3460



Tritanomaly

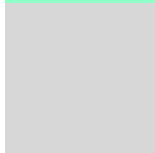
64.7457, 80.5676, 90.7359

Monochromacy



Original Color

57.3965, 81.4832, 66.7355



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

60.7917, 72.0159, 71.0180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3965, 81.4832, 66.7355 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, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(143, 255, 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, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 255, 199) }
```

Border

The CSS property to change the border of an element to XYZ 57.3965, 81.4832, 66.7355 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, 255, 199) }
```


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

```
.border{ border-color:rgb(143, 255, 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, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(143, 255,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3965, 81.4832, 66.7355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 255, 199) }
```

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

```
.background{ background-color: rgb(143,  
255, 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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