

Converting Colors

XYZ(56.8885, 81.4376, 56.9406)

Have a look what the booklet for
XYZ(56.8885, 81.4376, 56.9406)
contains.

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Color

**XYZ(56.9660, 81.4767,
56.9801)**

Conversions

Conversions Part 1

Format	Color
Hex	97FFB6
RGB	151, 255, 182
RGB Percent	59%, 100%, 71%
CMY	0.4078, 0.0000, 0.2863
CMYK	0.41, 0.00, 0.29, 0.00
HSL	138°, 100%, 80%
HSV	138°, 41%, 100%
XYZ	56.9660, 81.4767, 56.9801
YIQ	215.5820, -38.5510, -44.7510

Conversions

Conversions Part 2

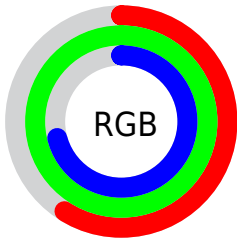
Format	Color
RYB	151, 231, 255
Decimal	9961398
CIELab	92.34, -45.43, 25.63
CIELCh	92, 52.164, 150.573
Yxy	81.4767, 0.2915, 0.4169
Android (android.graphics.Color)	4288151478 (0xFF97FFB6)
YUV	215.5820, -16.5559, -56.6384
Hunter-Lab	90.2644, -45.3112, 25.7579

Details

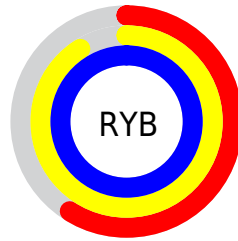
The XYZ color **56.9660, 81.4767, 56.9801** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.7614, 48.7756, 76.4693**, and the grayscale version is **65.1135, 68.5045, 74.6014**.

A 20% lighter version of the original color is **77.4871, 91.2484, 94.4176**, and **28.7726, 44.3528, 27.8134** is the 20% darker color. If you saturate the color by 10%, you get **51.0011, 78.6019, 47.6547**, and if you desaturate by 10%, it is **64.1920, 84.9742, 67.6014**.

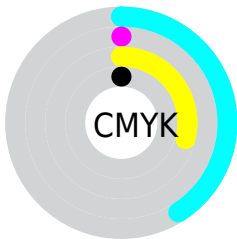
Distribution



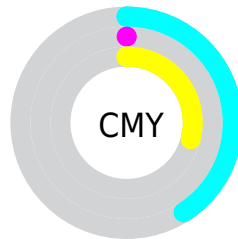
- Red (59%)
- Green (100%)
- Blue (71%)



- Red (59%)
- Yellow (91%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (41%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9660, 81.4767, 56.9801 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 56.9660, 81.4767, 56.9801 by changing the saturation by 10% instead.


 56.9660, 81.4767,
56.9801


 56.9660, 81.4767,
56.9801


403.3381,
499.8956, 430.8664

 41.2180, 60.9343,
40.5800


 99.5472, 135.4399,
101.9362

 28.6779, 44.1721,
27.6738


 127.1111,
169.6295, 131.3293

 18.9803, 30.8059,
17.8430

159.3444,
209.1369, 165.8905

 11.7600, 20.4511,
10.6691

196.6123,
254.3466, 206.0382

 6.6515, 12.7233,
5.7334

239.2803,
305.6429, 252.1912

 3.2895, 7.2383,
2.6175

287.7137,

 1.3086, 3.6116,

363.4102, 304.7678

0.9015

342.2779,
428.0330, 364.1867

0.1897, 1.4588,
0.0000

0.0000, 0.2594,
0.0000

56.9660, 81.4767,
56.9801

56.9660, 81.4767,
56.9801

51.0011, 78.6019,
47.6547

64.1920, 84.9742,
67.6014

46.2200, 76.3111,
39.5712

72.7464, 89.1283,
79.5618

42.5393, 74.5624,
32.6778

82.6937, 93.9713,
92.9074

39.8634, 73.3077,
26.9171

94.0937, 99.5330,
107.6809

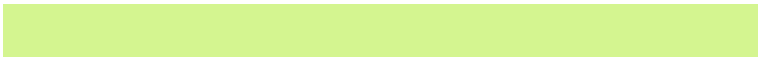
■ 38.0790, 72.4898, 95.0500, 100.0000,
22.2271 108.9000

■ 37.0649, 72.0420,
18.7916

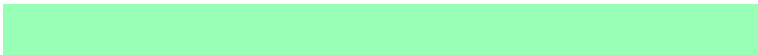
Harmonies

Analogous

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



64.9772, 81.4767, 38.8770



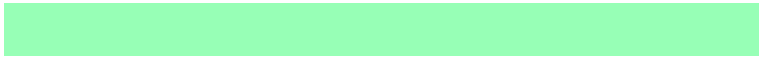
56.9660, 81.4767, 56.9801



54.2821, 81.4767, 89.4600

Triad

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



56.9660, 81.4767, 56.9801



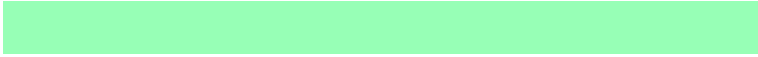
77.7011, 81.4767, 185.7164



102.0021, 81.4767, 56.0266

Complementary

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



56.9660, 81.4767, 56.9801



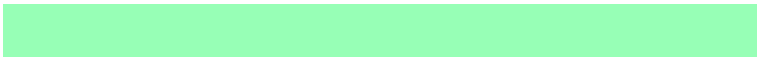
65.7614, 48.7756, 76.4693

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.



106.3972, 81.4767, 87.9727



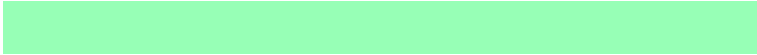
56.9660, 81.4767, 56.9801



91.4050, 81.4767, 169.3218

Square

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



56.9660, 81.4767, 56.9801



65.3781, 81.4767, 170.4686



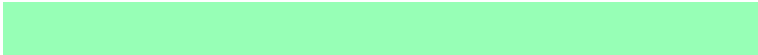
102.3144, 81.4767, 130.4682



90.9036, 81.4767, 38.4495

Rectangle

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



56.9660, 81.4767, 56.9801



55.5975, 81.4767, 117.4780



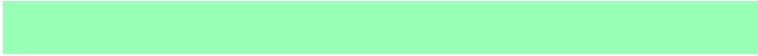
102.3144, 81.4767, 130.4682



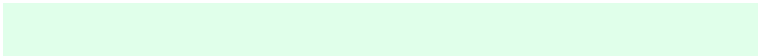
104.3664, 81.4767, 65.0763

Sweetspot

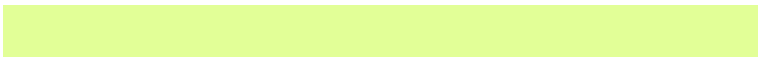
The Sweet Spot groups the original color and five complimentary colors.



56.9666, 81.4770, 56.9814



81.4072, 93.3443, 91.2086



72.5641, 89.8479, 42.7968



17.1339, 19.8379, 19.1369



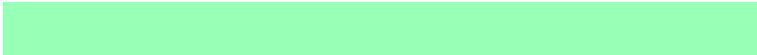
0.0000, 0.0000, 0.0000



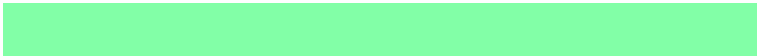
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9666, 81.4770, 56.9814



51.9760, 79.0708, 49.2256



63.1548, 83.9523, 89.5681



17.9943, 20.2573, 20.2732



19.4241, 37.6662, 10.1186



1.9369, 3.6857, 1.2256

Inverse Universe

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



65.7614, 48.7756, 76.4693



61.8520, 42.2877, 71.0634



59.9016, 46.4317, 45.6121



18.5484, 18.2027, 21.5051



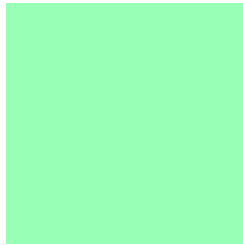
25.8687, 12.8368, 23.7568



2.5669, 1.2691, 2.5668

Previews

White Background



This preview shows how the XYZ color 56.9660, 81.4767, 56.9801 looks on a white background.

Color Contrast Check

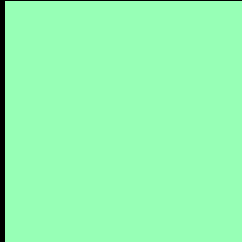
Large Text (above 18pt) WCAG AA × Fail

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 56.9660, 81.4767, 56.9801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

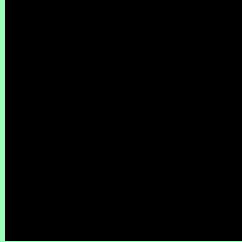
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9660, 81.4767, 56.9801

Background



This preview shows how black text looks on a background with the XYZ color 56.9660, 81.4767, 56.9801.

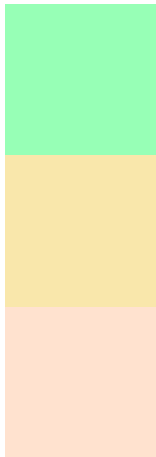


This preview shows how white text looks on a background with the XYZ color 56.9660, 81.4767,

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

56.9660, 81.4767, 56.9801

Protanopia

74.9935, 80.2318, 50.0618

Deuteranopia

79.6988, 80.1577, 70.3029



Tritanopia

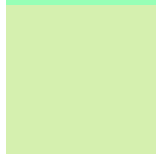
70.7405, 81.0777, 106.5289

Trichromacy



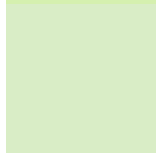
Original Color

56.9660, 81.4767, 56.9801



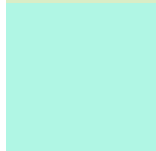
Protanomaly

66.3385, 79.5615, 52.4179



Deuteranomaly

69.0925, 79.3973, 65.1097



Tritanomaly

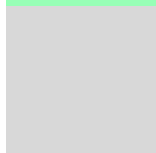
64.8639, 80.7431, 85.5651

Monochromacy



Original Color

56.9660, 81.4767, 56.9801



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

60.9341, 72.1597, 67.8434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9660, 81.4767, 56.9801 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(151, 255, 182)` looks like.

```
.text, #text, p{  
    color:rgb(151, 255, 182)  
}
```

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(151, 255, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 255, 182) }
```

Border

The CSS property to change the border of an element to XYZ 56.9660, 81.4767, 56.9801 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(151, 255, 182) }
```


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

```
.border{ border-color:rgb(151, 255, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 255, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(151, 255,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9660, 81.4767, 56.9801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 255, 182) }
```

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

```
.background{ background-color: rgb(151,  
255, 182) }
```

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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