

Converting Colors

XYZ(57.0814, 81.5187, 57.7762)

Have a look what the booklet for
XYZ(57.0814, 81.5187, 57.7762)
contains.

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Color

**XYZ(57.0697, 81.5182,
57.5264)**

Conversions

Conversions Part 1

Format	Color
Hex	97FFB7
RGB	151, 255, 183
RGB Percent	59%, 100%, 72%
CMY	0.4078, 0.0000, 0.2823
CMYK	0.41, 0.00, 0.28, 0.00
HSL	138°, 100%, 80%
HSV	138°, 41%, 100%
XYZ	57.0697, 81.5182, 57.5264
YIQ	215.6960, -38.8720, -44.4400

Conversions

Conversions Part 2

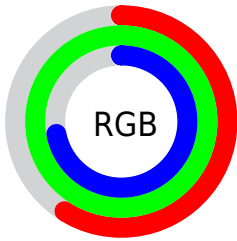
Format	Color
RYB	151, 231, 255
Decimal	9961399
CIELab	92.36, -45.26, 25.15
CIELCh	92, 51.775, 150.942
Yxy	81.5182, 0.2910, 0.4157
Android (android.graphics.Color)	4288151479 (0xFF97FFB7)
YUV	215.6960, -16.1191, -56.7384
Hunter-Lab	90.2874, -45.1751, 25.4247

Details

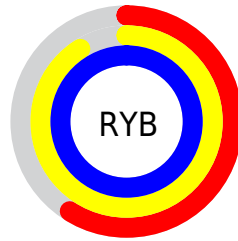
The XYZ color **57.0697, 81.5182, 57.5264** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.6261, 48.7214, 75.7569**, and the grayscale version is **65.1883, 68.5831, 74.6870**.

A 20% lighter version of the original color is **77.6345, 91.3073, 95.1937**, and **28.8394, 44.3796, 28.1652** is the 20% darker color. If you saturate the color by 10%, you get **51.1142, 78.6472, 48.2504**, and if you desaturate by 10%, it is **64.2803, 85.0096, 68.0669**.

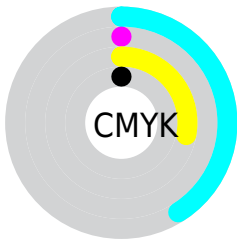
Distribution



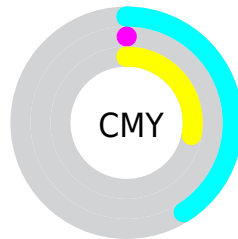
- Red (59%)
- Green (100%)
- Blue (72%)



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



- Cyan (41%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)




- Cyan (41%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0697, 81.5182, 57.5264 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 57.0697, 81.5182, 57.5264 by changing the saturation by 10% instead.


 57.0697, 81.5182,
57.5264


 57.0697, 81.5182,
57.5264


403.7204,
500.0347, 432.9677

 41.3016, 60.9685,
41.0158


 99.6977, 135.4981,
102.7408

 28.7435, 44.1997,
28.0117


 127.2882,
169.6972, 132.2818

 19.0302, 30.8276,
18.0953

159.5502,
209.2147, 167.0032

 11.7962, 20.4676,
10.8483

196.8491,
254.4352, 207.3238

 6.6763, 12.7354,
5.8520

239.5502,
305.7431, 253.6620

 3.3050, 7.2466,
2.6880

288.0189,

 1.3170, 3.6168,

363.5227, 306.4364

0.9374

342.6205,
428.1584, 366.0654

■ 0.1959, 1.4616,
0.0000

■ 0.0000, 0.2615,
0.0000

■ 57.0697, 81.5182,
57.5264

■ 57.0697, 81.5182,
57.5264

■ 51.1142, 78.6472,
48.2504

■ 64.2803, 85.0096,
68.0669

■ 46.3369, 76.3579,
40.1870

■ 72.8130, 89.1550,
79.9131

■ 42.6549, 74.6087,
33.2865

■ 82.7320, 93.9866,
93.1095

■ 39.9730, 73.3515,
27.4942

■ 94.0966, 99.5342,
107.6969

■ 38.1785, 72.5295, 95.0500, 100.0000,
22.7507 108.9000

■ 37.1519, 72.0767,
19.2494

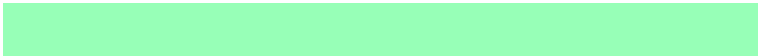
Harmonies

Analogous

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



64.9733, 81.5182, 39.3202



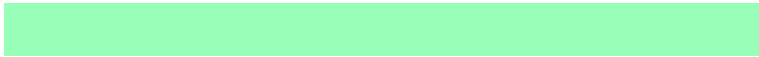
57.0697, 81.5182, 57.5264



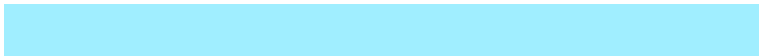
54.4679, 81.5182, 89.9778

Triad

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



57.0697, 81.5182, 57.5264



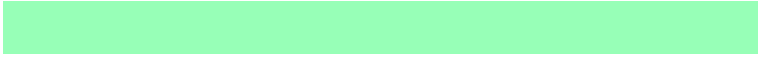
77.9049, 81.5182, 184.8739



101.7476, 81.5182, 55.9675

Complementary

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



57.0697, 81.5182, 57.5264



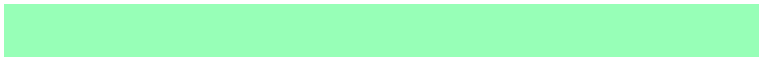
65.6261, 48.7214, 75.7569

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.



106.2041, 81.5182, 87.5522



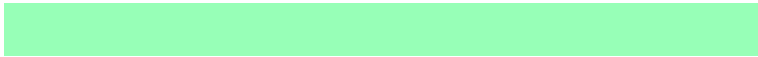
57.0697, 81.5182, 57.5264



91.4981, 81.5182, 168.2855

Square

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



57.0697, 81.5182, 57.5264



65.6277, 81.5182, 170.1502



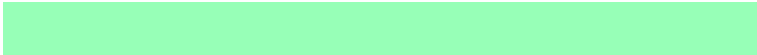
102.2563, 81.5182, 129.6408



90.6810, 81.5182, 38.6196

Rectangle

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



57.0697, 81.5182, 57.5264



55.8218, 81.5182, 117.8327



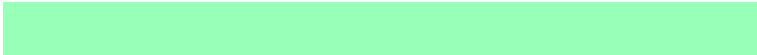
102.2563, 81.5182, 129.6408



104.1219, 81.5182, 64.9110

Sweetspot

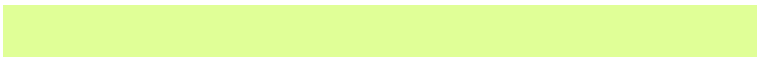
The Sweet Spot groups the original color and five complimentary colors.



57.0703, 81.5185, 57.5277



81.4494, 93.3612, 91.4308



72.0247, 89.5699, 42.7715



17.1438, 19.8419, 19.1890



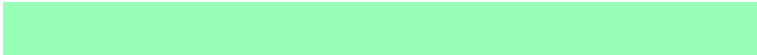
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



57.0703, 81.5185, 57.5277



52.0879, 79.1155, 49.8148



63.4029, 84.0515, 90.8748



18.0017, 20.2602, 20.3119



19.4709, 37.6849, 10.3648



1.9422, 3.6878, 1.2535

Inverse Universe

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



65.6261, 48.7214, 75.7569



61.6955, 42.2251, 70.2394



59.7342, 46.3647, 44.7307



18.5407, 18.1996, 21.4644



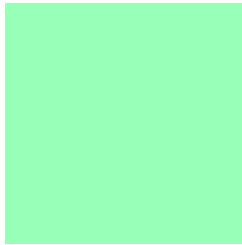
25.7412, 12.7858, 23.0854



2.5553, 1.2645, 2.5055

Previews

White Background



This preview shows how the XYZ color 57.0697, 81.5182, 57.5264 looks on a white background.

Color Contrast Check

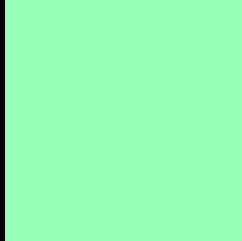
Large Text (above 18pt) WCAG AA × Fail

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 57.0697, 81.5182, 57.5264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

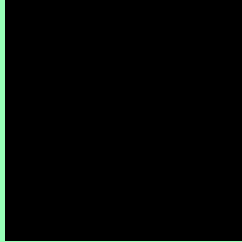
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0697, 81.5182, 57.5264

Background



This preview shows how black text looks on a background with the XYZ color 57.0697, 81.5182, 57.5264.



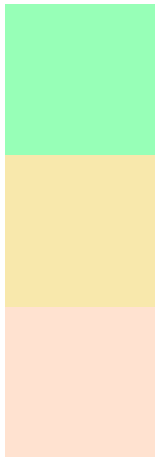
This preview shows how white text looks on a background with the XYZ color 57.0697, 81.5182,

57.5264.

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

57.0697, 81.5182, 57.5264

Protanopia

75.0144, 80.6482, 50.6427

Deuteranopia

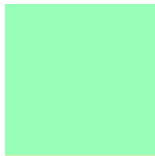
79.8215, 80.2068, 70.9489



Tritanopia

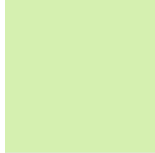
70.7405, 81.0777, 106.5289

Trichromacy



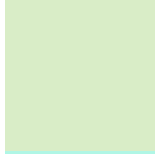
Original Color

57.0697, 81.5182, 57.5264



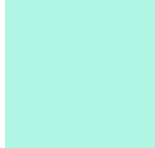
Protanomaly

66.4371, 79.6009, 52.9372



Deuteranomaly

69.2083, 79.4436, 65.7193



Tritanomaly

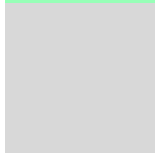
65.0031, 80.7988, 86.2984

Monochromacy



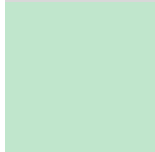
Original Color

57.0697, 81.5182, 57.5264



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 57.0697, 81.5182, 57.5264 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(151, 255, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 255, 183) }
```

Border

The CSS property to change the border of an element to XYZ 57.0697, 81.5182, 57.5264 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, 183) }
```


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

```
.border{ border-color:rgb(151, 255, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(151, 255,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0697, 81.5182, 57.5264 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, 183) }
```

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

```
.background{ background-color: rgb(151,  
255, 183) }
```

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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