

Converting Colors

XYZ(57.0869, 81.5698, 55.5974)

Have a look what the booklet for
XYZ(57.0869, 81.5698, 55.5974)
contains.

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Color

**XYZ(57.0336, 81.5470,
55.3820)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFB3
RGB	153, 255, 179
RGB Percent	60%, 100%, 70%
CMY	0.4000, 0.0000, 0.2980
CMYK	0.40, 0.00, 0.30, 0.00
HSL	135°, 100%, 80%
HSV	135°, 40%, 100%
XYZ	57.0336, 81.5470, 55.3820
YIQ	215.8380, -36.3960, -45.2600

Conversions

Conversions Part 2

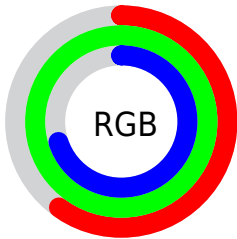
Format	Color
RYB	153, 234, 255
Decimal	10092467
CIELab	92.37, -45.40, 27.20
CIElCh	92, 52.928, 149.071
Yxy	81.5470, 0.2940, 0.4204
Android (android.graphics.Color)	4288282547 (0xFF99FFB3)
YUV	215.8380, -18.1611, -55.1089
Hunter-Lab	90.3034, -45.2943, 26.8505

Details

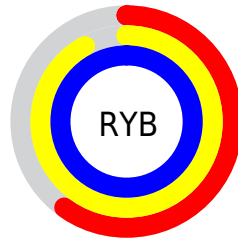
The XYZ color **57.0336, 81.5470, 55.3820** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66.7743, 49.7002, 80.2021**, and the grayscale version is **65.2973, 68.6978, 74.8119**.

A 20% lighter version of the original color is **77.6194, 91.3670, 92.1419**, and **28.7838, 44.3813, 26.7880** is the 20% darker color. If you saturate the color by 10%, you get **50.9327, 78.6088, 45.7475**, and if you desaturate by 10%, it is **64.4288, 85.1218, 66.4618**.

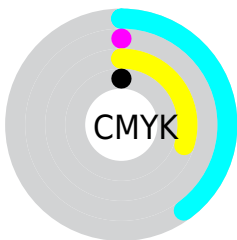
Distribution



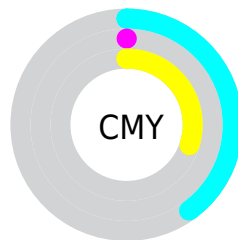
- Red (60%)
- Green (100%)
- Blue (70%)



- Red (60%)
- Yellow (92%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0336, 81.5470, 55.3820 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 57.0336, 81.5470, 55.3820 by changing the saturation by 10% instead.


 57.0336, 81.5470,
55.3820


 57.0336, 81.5470,
55.3820


403.5873,
500.1312, 424.6810

 41.2725, 60.9922,
39.3070


 99.6453, 135.5386,
99.5772

 28.7207, 44.2189,
26.6890


 127.2265,
169.7441, 128.5344

 19.0128, 30.8426,
17.1094


159.4786,
209.2687, 162.6228

 11.7836, 20.4790,
10.1497

196.7667,
254.4967, 202.2609

 6.6676, 12.7437,
5.3914

239.4563,
305.8126, 247.8672

 3.2996, 7.2523,
2.4160

287.9127,

 1.3141, 3.6204,

363.6007, 299.8603

0.7951

342.5012,
428.2454, 358.6587

■ 0.1937, 1.4636,
0.0000

■ 0.0000, 0.2629,
0.0000

■ 57.0336, 81.5470,
55.3820

■ 57.0336, 81.5470,
55.3820

■ 50.9327, 78.6088,
45.7475

■ 64.4288, 85.1218,
66.4618

■ 46.0476, 76.2681,
37.4947

■ 73.1870, 89.3675,
79.0393

■ 42.2936, 74.4824,
30.5608

■ 83.3741, 94.3169,
93.1689

■ 39.5737, 73.2032,
24.8768

95.0500, 100.0000,
108.9000

■ 37.7738, 72.3733,
20.3668

■ 36.7143, 71.9017,
16.9450

■ 36.7142, 71.9017,
16.9448

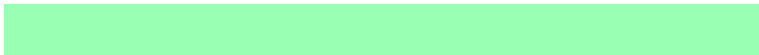
Harmonies

Analogous

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



65.3984, 81.5470, 37.8231



57.0336, 81.5470, 55.3820



54.0371, 81.5470, 87.5732

Triad

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



57.0336, 81.5470, 55.3820



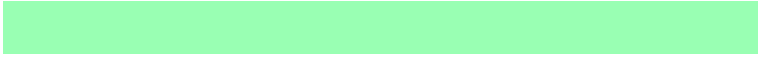
77.0816, 81.5470, 187.6184



102.8905, 81.5470, 56.9431

Complementary

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



57.0336, 81.5470, 55.3820



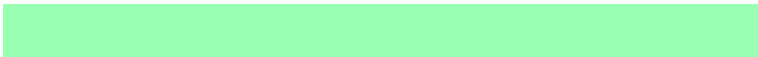
66.7743, 49.7002, 80.2021

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.



106.9476, 81.5470, 90.0197



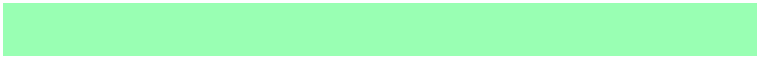
57.0336, 81.5470, 55.3820



91.0271, 81.5470, 172.4123

Square

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



57.0336, 81.5470, 55.3820



64.7401, 81.5470, 170.5155



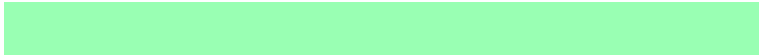
102.3754, 81.5470, 133.4918



91.8530, 81.5470, 38.5199

Rectangle

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



57.0336, 81.5470, 55.3820



55.1792, 81.5470, 115.7966



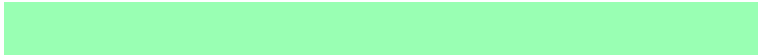
102.3754, 81.5470, 133.4918



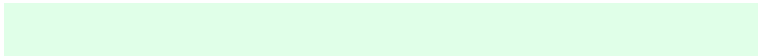
105.1696, 81.5470, 66.3486

Sweetspot

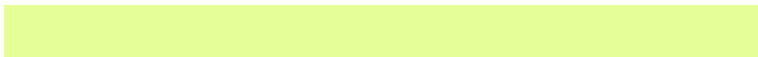
The Sweet Spot groups the original color and five complimentary colors.



57.0342, 81.5473, 55.3833



81.2186, 93.2689, 90.2152



73.9830, 90.5604, 43.7184



17.0897, 19.8203, 18.9044



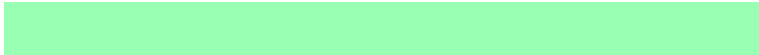
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

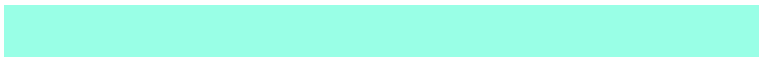
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0342, 81.5473, 55.3833



52.0527, 79.1472, 47.5614



63.1101, 83.9776, 87.3787



17.9615, 20.2441, 20.1004



19.2345, 37.5904, 9.1203



1.9147, 3.6768, 1.1089

Inverse Universe

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



66.7743, 49.7002, 80.2021



63.0001, 43.2966, 75.4146



60.7179, 47.2776, 48.3093



18.5832, 18.2166, 21.6885



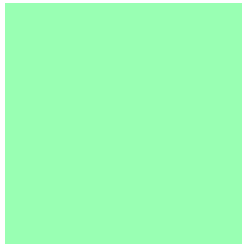
26.4688, 13.0768, 26.9167



2.6214, 1.2909, 2.8535

Previews

White Background



This preview shows how the XYZ color 57.0336, 81.5470, 55.3820 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 57.0336, 81.5470, 55.3820 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

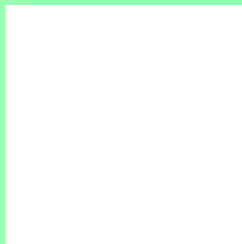
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0336, 81.5470, 55.3820

Background



This preview shows how black text looks on a background with the XYZ color 57.0336, 81.5470, 55.3820.



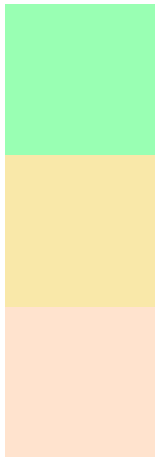
This preview shows how white text looks on a background with the XYZ color 57.0336, 81.5470,

55.3820.

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

57.0336, 81.5470, 55.3820

Protanopia

75.0850, 80.7175, 49.1588

Deuteranopia

79.8497, 80.6544, 69.7518



Tritanopia

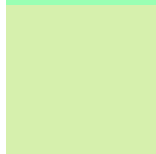
70.9912, 81.2070, 106.5406

Trichromacy



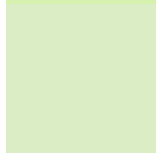
Original Color

57.0336, 81.5470, 55.3820



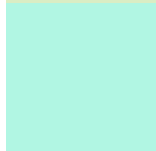
Protanomaly

66.4345, 79.6334, 51.4045



Deuteranomaly

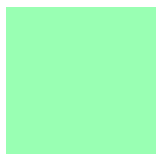
69.1614, 79.4593, 63.9165



Tritanomaly

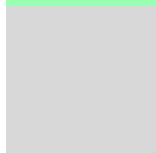
64.9524, 80.8047, 84.8466

Monochromacy



Original Color

57.0336, 81.5470, 55.3820



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.0686, 72.2429, 67.2255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0336, 81.5470, 55.3820 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(153, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 179)  
}
```

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(153, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 179) }
```

Border

The CSS property to change the border of an element to XYZ 57.0336, 81.5470, 55.3820 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(153, 255, 179) }
```


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

```
.border{ border-color:rgb(153, 255, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0336, 81.5470, 55.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 179) }
```

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

```
.background{ background-color: rgb(153,  
255, 179) }
```

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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