

Converting Colors

XYZ(57.3827, 78.5816, 60.6859)

Have a look what the booklet for
XYZ(57.3827, 78.5816, 60.6859)
contains.

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Color

**XYZ(57.4680, 78.8400,
60.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	9FF9BE
RGB	159, 249, 190
RGB Percent	62%, 98%, 75%
CMY	0.3765, 0.0235, 0.2549
CMYK	0.36, 0.00, 0.24, 0.02
HSL	141°, 88%, 80%
HSV	141°, 36%, 98%
XYZ	57.4680, 78.8400, 60.9040
YIQ	215.3640, -34.7010, -37.4290

Conversions

Conversions Part 2

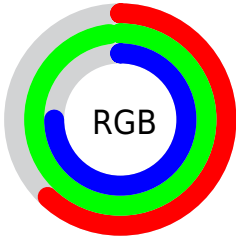
Format	Color
RYB	159, 226, 249
Decimal	10484158
CIELab	91.16, -39.11, 19.97
CIELCh	91, 43.912, 152.944
Yxy	78.8400, 0.2914, 0.3998
Android (android.graphics.Color)	4288674238 (0xFF9FF9BE)
YUV	215.3640, -12.5045, -49.4312
Hunter-Lab	88.7919, -39.8568, 21.4862

Details

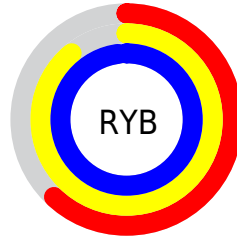
The XYZ color **57.4680, 78.8400, 60.9040** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **64.1225, 49.9997, 72.6039**, and the grayscale version is **64.9387, 68.3206, 74.4011**.

A 20% lighter version of the original color is **80.7135, 92.7728, 100.8417**, and **29.0025, 42.4199, 29.9518** is the 20% darker color. If you saturate the color by 10%, you get **51.3335, 75.8745, 51.8199**, and if you desaturate by 10%, it is **64.8012, 82.4047, 71.0907**.

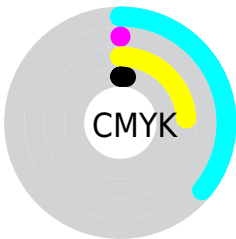
Distribution



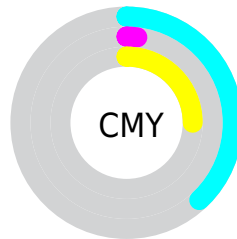
- Red (62%)
- Green (98%)
- Blue (75%)



- Red (62%)
- Yellow (89%)
- Blue (98%)



- Cyan (36%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)





- Cyan (38%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4680, 78.8400, 60.9040 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 57.4680, 78.8400, 60.9040 by changing the saturation by 10% instead.


 57.4680, 78.8400,
60.9040


 57.4680, 78.8400,
60.9040


405.1865,
491.0149, 445.8187

 41.6227, 58.7643,
43.7176


 100.2752,
131.7336, 107.6961

 28.9958, 42.4234,
30.1130


 127.9677,
165.3202, 138.1389

 19.2219, 29.4330,
19.6716


160.3401,
204.1793, 173.8376

 11.9357, 19.4086,
11.9749

197.7577,
248.6952, 215.2108

 6.7718, 11.9659,
6.6042

240.5857,
299.2523, 262.6770

 3.3648, 6.7205,
3.1412


289.1896,


 1.3495, 3.2879,


356.2350, 316.6546


1.1672


343.9348,
420.0278, 377.5624


 0.2198, 1.2838,
0.0000


 0.0000, 0.1286,
0.0000


 57.4680, 78.8400,
60.9040


 57.4680, 78.8400,
60.9040


 51.3335, 75.8745,
51.8199

 64.8012, 82.4047,
71.0907


 46.3247, 73.4648,
43.7958

 73.3880, 86.5897,
82.4103

 42.3703, 71.5771,
36.7940

 83.2876, 91.4270,
94.8984

 39.3876, 70.1696,
30.7722

 93.1672, 96.2344,
108.2724

■ 37.2807, 69.1939,
25.6854

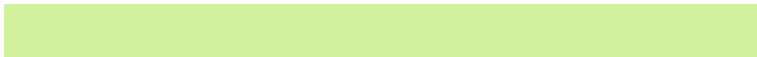
■ 35.9317, 68.5900,
21.4843

■ 35.5475, 68.4225,
20.0883

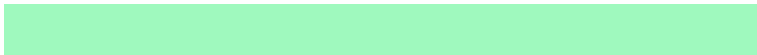
Harmonies

Analogous

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



63.9031, 78.8400, 44.0419



57.4680, 78.8400, 60.9040



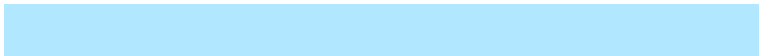
55.5537, 78.8400, 89.0257

Triad

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



57.4680, 78.8400, 60.9040



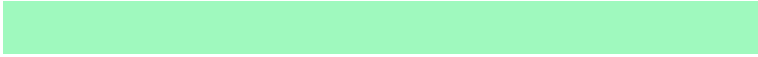
76.0382, 78.8400, 162.6267



94.3393, 78.8400, 56.6743

Complementary

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



57.4680, 78.8400, 60.9040



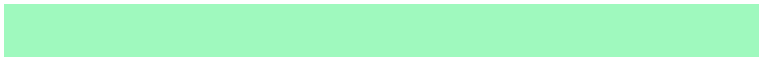
64.1225, 49.9997, 72.6039

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.



98.3692, 78.8400, 82.7378



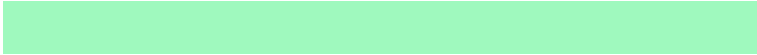
57.4680, 78.8400, 60.9040



87.1688, 78.8400, 148.1347

Square

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



57.4680, 78.8400, 60.9040



65.6282, 78.8400, 152.7039



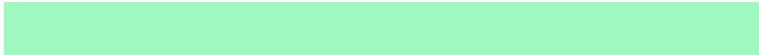
95.6249, 78.8400, 116.8022



85.0826, 78.8400, 42.0577

Rectangle

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



57.4680, 78.8400, 60.9040



56.9268, 78.8400, 111.9831



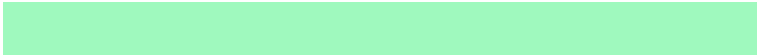
95.6249, 78.8400, 116.8022



96.3894, 78.8400, 64.1251

Sweetspot

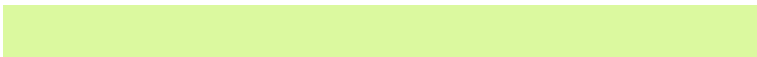
The Sweet Spot groups the original color and five complimentary colors.



57.4701, 78.8433, 60.9058



82.6521, 93.9345, 93.5984



69.3499, 85.3183, 45.6146



17.3896, 19.9586, 19.6529



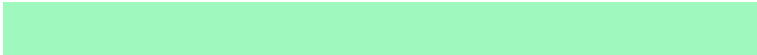
0.0000, 0.0000, 0.0000



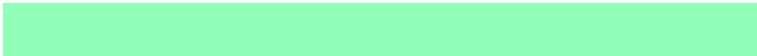
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4701, 78.8433, 60.9058



56.0583, 80.9954, 57.5431



63.0275, 81.0662, 90.1706



17.2641, 19.4079, 19.5915



19.0871, 36.6479, 11.0681



1.8155, 3.4133, 1.2765

Inverse Universe

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



64.1225, 49.9997, 72.6039



63.9736, 46.6398, 71.4348



59.1073, 47.9936, 46.1939



17.7242, 17.4170, 20.4033



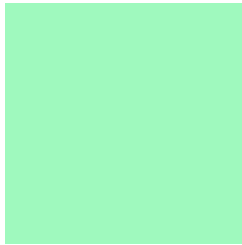
24.5313, 12.2283, 20.0383



2.3219, 1.1525, 2.1183

Previews

White Background



This preview shows how the XYZ color 57.4680, 78.8400, 60.9040 looks on a white background.

Color Contrast Check

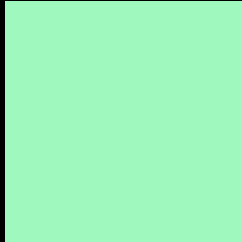
Large Text (above 18pt) WCAG AA × Fail

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 57.4680, 78.8400, 60.9040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

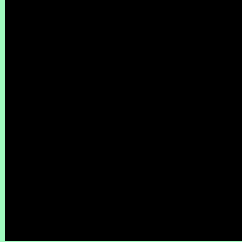
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4680, 78.8400, 60.9040

Background



This preview shows how black text looks on a background with the XYZ color 57.4680, 78.8400, 60.9040.



This preview shows how white text looks on a background with the XYZ color 57.4680, 78.8400,

60.9040.

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

57.4680, 78.8400, 60.9040

Protanopia

72.9438, 77.8368, 54.3595

Deuteranopia

78.2604, 77.8622, 68.0309



Tritanopia

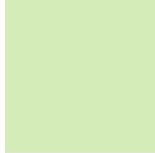
68.1530, 78.4364, 106.1554

Trichromacy



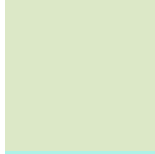
Original Color

57.4680, 78.8400, 60.9040



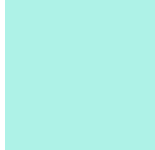
Protanomaly

65.7986, 77.4486, 56.8285



Deuteranomaly

68.6806, 77.0524, 65.2856



Tritanomaly

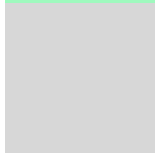
63.6315, 78.2725, 87.3557

Monochromacy



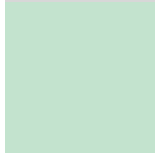
Original Color

57.4680, 78.8400, 60.9040



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.1153, 70.9965, 68.8751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4680, 78.8400, 60.9040 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(159, 249, 190)` looks like.

```
.text, #text, p{  
    color:rgb(159, 249, 190)  
}
```

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(159, 249, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 249, 190) }
```

Border

The CSS property to change the border of an element to XYZ 57.4680, 78.8400, 60.9040 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(159, 249, 190) }
```


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

```
.border{ border-color:rgb(159, 249, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 249, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 249, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 249, 190);  
box-shadow:4px 4px 4px 4px rgb(159, 249,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4680, 78.8400, 60.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 249, 190) }
```

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

```
.background{ background-color: rgb(159,  
249, 190) }
```

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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