

Converting Colors

XYZ(56.2767, 80.1429, 58.4020)

Have a look what the booklet for
XYZ(56.2767, 80.1429, 58.4020)
contains.

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Color

**XYZ(56.2767, 80.1429,
58.4020)**

Conversions

Conversions Part 1

Format	Color
Hex	95FDB9
RGB	149, 253, 185
RGB Percent	58%, 99%, 73%
CMY	0.4157, 0.0078, 0.2745
CMYK	0.41, 0.00, 0.27, 0.01
HSL	141°, 96%, 79%
HSV	141°, 41%, 99%
XYZ	56.2767, 80.1429, 58.4020
YIQ	214.1520, -40.1560, -43.1960

Conversions

Conversions Part 2

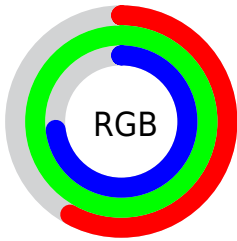
Format	Color
RYB	149, 226, 253
Decimal	9829817
CIELab	91.75, -44.58, 23.27
CIELCh	92, 50.289, 152.431
Yxy	80.1429, 0.2889, 0.4114
Android (android.graphics.Color)	4288019897 (0xFF95FDB9)
YUV	214.1520, -14.3719, -57.1383
Hunter-Lab	89.5226, -44.4538, 23.9867

Details

The XYZ color **56.2767, 80.1429, 58.4020** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.7825, 47.3891, 71.4341**, and the grayscale version is **64.1337, 67.4737, 73.4788**.

A 20% lighter version of the original color is **77.3693, 91.1363, 96.7324**, and **28.3184, 43.4211, 28.7184** is the 20% darker color. If you saturate the color by 10%, you get **50.5067, 77.3608, 49.5408**, and if you desaturate by 10%, it is **63.2567, 83.5298, 68.3841**.

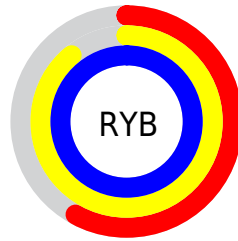
Distribution



Red (58%)

Green (99%)

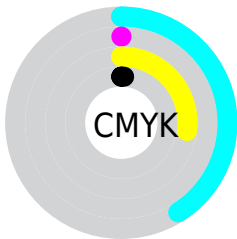
Blue (73%)



Red (58%)

Yellow (89%)

Blue (99%)

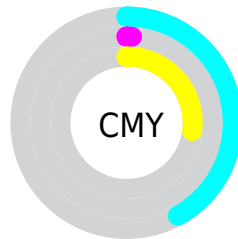


Cyan (41%)

Magenta (0%)

Yellow (27%)

Black (1%)



Cyan (42%)


Magenta (1%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2767, 80.1429, 58.4020 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 56.2767, 80.1429, 58.4020 by changing the saturation by 10% instead.


 56.2767, 80.1429,
58.4020


 56.2767, 80.1429,
58.4020


400.7916,
495.4143, 436.3222

 40.6627, 59.8360,
41.7151


 98.5465, 133.5666,
104.0286

 28.2421, 43.2864,
28.5544


 125.9330,
167.4522, 133.8053

 18.6496, 30.1099,
18.5013


157.9743,
206.6327, 168.7824

 11.5199, 19.9220,
11.1373

195.0359,
251.4927, 209.3784

 6.4875, 12.3384,
6.0439

237.4831,
302.4164, 256.0119

 3.1872, 6.9746,
2.8026

285.6812,

 1.2535, 3.4462,

359.7883, 309.1013

0.9947

339.9955,
423.9928, 369.0652

0.1480, 1.3689,
0.0000

0.0000, 0.1936,
0.0000

56.2767, 80.1429,
58.4020

56.2767, 80.1429,
58.4020

50.5067, 77.3608,
49.5408

63.2567, 83.5298,
68.3841

45.8679, 75.1369,
41.7554

71.5067, 87.5449,
79.5191

42.2816, 73.4338,
35.0056

81.0902, 92.2225,
91.8447

39.6559, 72.2049,
29.2465

92.0643, 97.5913,
105.3950

■ 37.8814, 71.3949,
24.4295

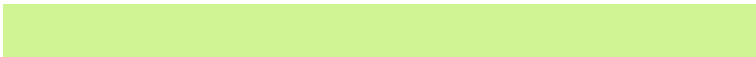
94.4168, 98.7336,
108.6889

■ 36.8707, 70.9511,
20.8925

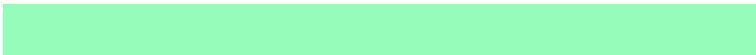
Harmonies

Analogous

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



63.6590, 80.1429, 40.0742



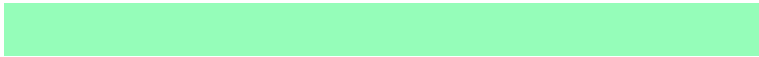
56.2767, 80.1429, 58.4020



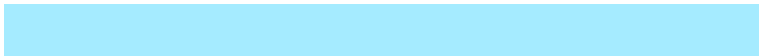
54.0294, 80.1429, 90.3031

Triad

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



56.2767, 80.1429, 58.4020



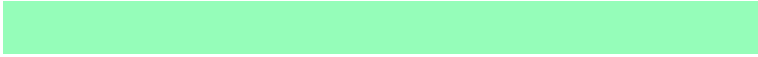
77.2280, 80.1429, 178.9394



99.0253, 80.1429, 54.5076

Complementary

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



56.2767, 80.1429, 58.4020



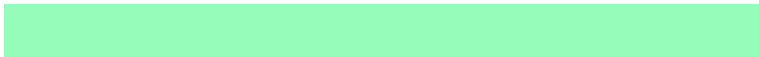
63.7825, 47.3891, 71.4341

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.



103.6664, 80.1429, 84.2899



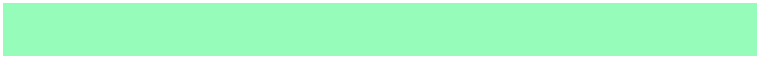
56.2767, 80.1429, 58.4020



90.2291, 80.1429, 161.7821

Square

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



56.2767, 80.1429, 58.4020



65.2858, 80.1429, 166.3619



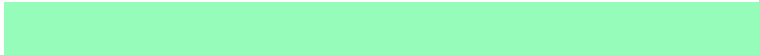
100.2810, 80.1429, 124.3399



88.2088, 80.1429, 38.3111

Rectangle

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



56.2767, 80.1429, 58.4020



55.5142, 80.1429, 117.1922



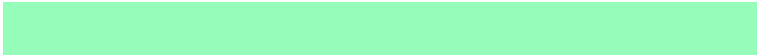
100.2810, 80.1429, 124.3399



101.4111, 80.1429, 62.9181

Sweetspot

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



56.2788, 80.1462, 58.4038



81.6189, 93.4290, 92.3231



69.5662, 87.3810, 41.6344



17.1835, 19.8578, 19.3981



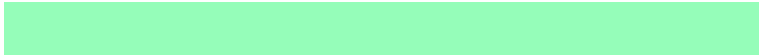
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.2788, 80.1462, 58.4038



52.5456, 79.2986, 52.2248



62.6142, 82.6803, 91.7653



18.0311, 20.2720, 20.4668



19.6747, 37.7665, 11.4380



1.9648, 3.6968, 1.3724

Inverse Universe

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



63.7825, 47.3891, 71.4341



61.0813, 41.9794, 67.0049



58.1713, 45.1447, 41.8860



18.5099, 18.1873, 21.3023



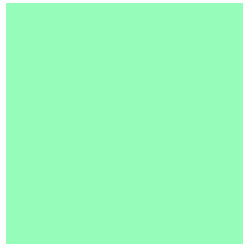
25.2536, 12.5907, 20.5178



2.5104, 1.2465, 2.2692

Previews

White Background



This preview shows how the XYZ color 56.2767, 80.1429, 58.4020 looks on a white background.

Color Contrast Check

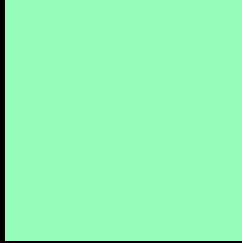
Large Text (above 18pt) WCAG AA × Fail

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 56.2767, 80.1429, 58.4020 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 56.2767, 80.1429, 58.4020

Background



This preview shows how black text looks on a background with the XYZ color 56.2767, 80.1429, 58.4020.



This preview shows how white text looks on a background with the XYZ color 56.2767, 80.1429, 58.4020.

58.4020.

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

56.2767, 80.1429, 58.4020

Protanopia

73.9428, 79.2425, 51.4425

Deuteranopia

78.9151, 78.9791, 68.8428



Tritanopia

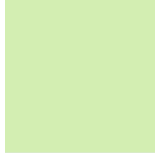
68.9773, 79.7305, 106.3618

Trichromacy



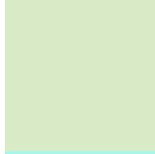
Original Color

56.2767, 80.1429, 58.4020



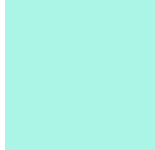
Protanomaly

65.4744, 78.2123, 53.7651



Deuteranomaly

68.2203, 78.0928, 64.9039



Tritanomaly

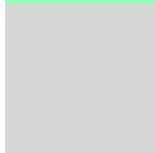
63.7299, 79.6759, 86.8830

Monochromacy



Original Color

56.2767, 80.1429, 58.4020



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

59.7581, 70.7458, 67.0056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2767, 80.1429, 58.4020 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(149, 253, 185)` looks like.

```
.text, #text, p{  
    color:rgb(149, 253, 185)  
}
```

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(149, 253, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 253, 185) }
```

Border

The CSS property to change the border of an element to XYZ 56.2767, 80.1429, 58.4020 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(149, 253, 185) }
```


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

```
.border{ border-color:rgb(149, 253, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 253, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 253, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 253, 185);  
box-shadow:4px 4px 4px 4px rgb(149, 253,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2767, 80.1429, 58.4020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 253, 185) }
```

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

```
.background{ background-color: rgb(149,  
253, 185) }
```

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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