

Converting Colors

XYZ(56.5513, 81.2267, 58.5998)

Have a look what the booklet for
XYZ(56.5513, 81.2267, 58.5998)
contains.

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Color

**XYZ(56.5496, 81.2258,
58.5966)**

Conversions

Conversions Part 1

Format	Color
Hex	93FFB9
RGB	147, 255, 185
RGB Percent	58%, 100%, 73%
CMY	0.4235, 0.0000, 0.2745
CMYK	0.42, 0.00, 0.27, 0.00
HSL	141°, 100%, 79%
HSV	141°, 42%, 100%
XYZ	56.5496, 81.2258, 58.5966
YIQ	214.7280, -41.8980, -44.6660

Conversions

Conversions Part 2

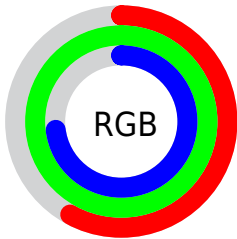
Format	Color
RYB	147, 227, 255
Decimal	9699257
CIELab	92.23, -45.98, 23.93
CIElCh	92, 51.837, 152.511
Yxy	81.2258, 0.2880, 0.4136
Android (android.graphics.Color)	4287889337 (0xFF93FFB9)
YUV	214.7280, -14.6559, -59.3975
Hunter-Lab	90.1254, -45.7187, 24.5393

Details

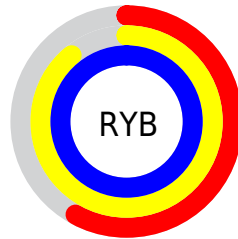
The XYZ color **56.5496, 81.2258, 58.5966** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **64.1985, 47.1379, 71.3605**, and the grayscale version is **64.5235, 67.8837, 73.9254**.

A 20% lighter version of the original color is **76.8140, 90.8500, 96.7064**, and **28.5754, 44.2278, 28.8605** is the 20% darker color. If you saturate the color by 10%, you get **50.8279, 78.4662, 49.7447**, and if you desaturate by 10%, it is **63.4888, 84.5896, 68.5670**.

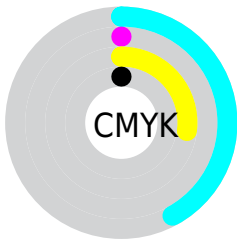
Distribution



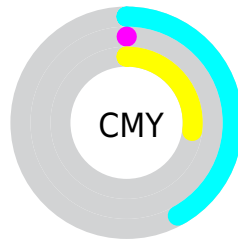
- Red (58%)
- Green (100%)
- Blue (73%)



- Red (58%)
- Yellow (89%)
- Blue (100%)



- Cyan (42%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (42%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5496, 81.2258, 58.5966 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 56.5496, 81.2258, 58.5966 by changing the saturation by 10% instead.

 56.5496, 81.2258,
58.5966


 56.5496, 81.2258,
58.5966


401.8010,
499.0543, 437.0655

 40.8825, 60.7276,
41.8706

 98.9429, 135.0878,
104.3145

 28.4145, 44.0054,
28.6752


 126.3997,
169.2203, 134.1434

 18.7804, 30.6747,
18.5918

158.5171,
208.6664, 169.1771

 11.6148, 20.3513,
11.2019

195.6605,
253.8105, 209.8341

 6.5523, 12.6507,
6.0869

238.1953,
305.0369, 256.5329

 3.2275, 7.1884,
2.8283


286.4867,


 1.2752, 3.5802,


362.7301, 309.6920


1.0077


340.9001,
427.2745, 369.7301


 0.1645, 1.4416,
0.0000


 0.0000, 0.2471,
0.0000


 56.5496, 81.2258,
58.5966


 56.5496, 81.2258,
58.5966


 50.8279, 78.4662,
49.7447


 63.4888, 84.5896,
68.5670


 46.2473, 76.2722,
41.9676

 71.7117, 88.5910,
79.6893

 42.7250, 74.6020,
35.2246

 81.2819, 93.2621,
92.0007

 40.1656, 73.4073,
29.4709

 92.2581, 98.6323,
105.5353

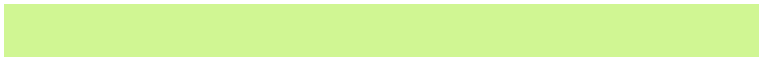
■ 38.4549, 72.6301, 95.0500, 100.0000,
24.6576 108.9000

■ 37.5937, 72.2535,
21.5764

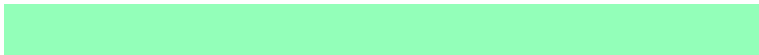
Harmonies

Analogous

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



64.1808, 81.2258, 39.7107



56.5496, 81.2258, 58.5966



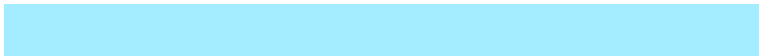
54.2408, 81.2258, 91.7091

Triad

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



56.5496, 81.2258, 58.5966



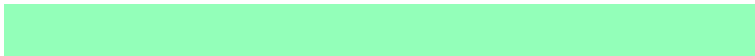
78.3355, 81.2258, 184.3982



101.0018, 81.2258, 54.4486

Complementary

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



56.5496, 81.2258, 58.5966



64.1985, 47.1379, 71.3605

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.



105.8726, 81.2258, 85.2517



56.5496, 81.2258, 58.5966



91.8766, 81.2258, 166.2909

Square

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



56.5496, 81.2258, 58.5966



65.9227, 81.2258, 171.2579



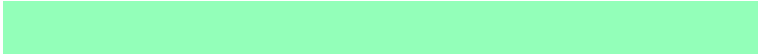
102.3563, 81.2258, 127.0098



89.7012, 81.2258, 37.8475

Rectangle

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



56.5496, 81.2258, 58.5966



55.7854, 81.2258, 119.7661



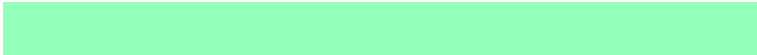
102.3563, 81.2258, 127.0098



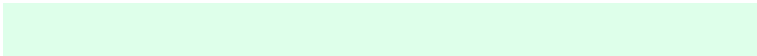
103.5008, 81.2258, 63.1181

Sweetspot

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



56.5502, 81.2261, 58.5979



80.6198, 92.9385, 91.1663



69.7016, 88.4092, 40.9957



16.7827, 19.6615, 18.9132



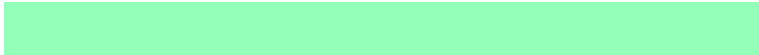
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.5502, 81.2261, 58.5979



51.5332, 78.8054, 50.8779



63.3435, 83.9435, 94.3709



18.0355, 20.2737, 20.4899



19.7073, 37.7795, 11.6099



1.9683, 3.6983, 1.3911

Inverse Universe

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



64.1985, 47.1379, 71.3605



60.1057, 40.5300, 65.1331



58.3031, 44.7797, 40.3157



18.5053, 18.1854, 21.2782



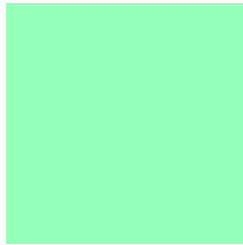
25.1842, 12.5630, 20.1520



2.5040, 1.2440, 2.2353

Previews

White Background



This preview shows how the XYZ color 56.5496, 81.2258, 58.5966 looks on a white background.

Color Contrast Check

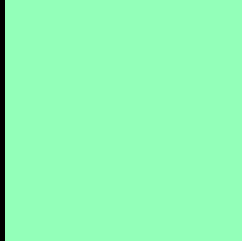
Large Text (above 18pt) WCAG AA × Fail

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 56.5496, 81.2258, 58.5966 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 56.5496, 81.2258, 58.5966

Background



This preview shows how black text looks on a background with the XYZ color 56.5496, 81.2258, 58.5966.

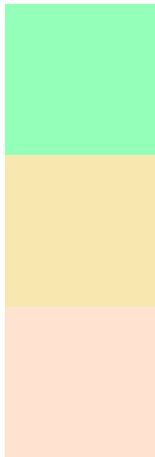


This preview shows how white text looks on a background with the XYZ color 56.5496, 81.2258,

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

56.5496, 81.2258, 58.5966

Protanopia

74.9273, 80.1643, 51.5686

Deuteranopia

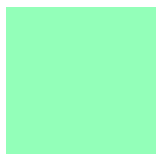
79.6988, 80.1577, 70.3029



Tritanopia

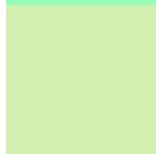
70.2443, 80.8220, 106.5057

Trichromacy



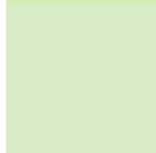
Original Color

56.5496, 81.2258, 58.5966



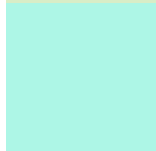
Protanomaly

66.0599, 79.3834, 53.9603



Deuteranomaly

68.9119, 79.2908, 65.7054



Tritanomaly

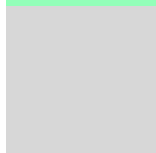
64.4723, 80.5089, 87.0046

Monochromacy



Original Color

56.5496, 81.2258, 58.5966



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

60.4311, 71.9004, 67.8199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5496, 81.2258, 58.5966 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(147, 255, 185)` looks like.

```
.text, #text, p{  
    color:rgb(147, 255, 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(147, 255, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 255, 185) }
```

Border

The CSS property to change the border of an element to XYZ 56.5496, 81.2258, 58.5966 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(147, 255, 185) }
```


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

```
.border{ border-color:rgb(147, 255, 185) }
```

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

Here you see how a box with a 4 pixel rgb(147, 255, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 255, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 255, 185);  
box-shadow:4px 4px 4px 4px rgb(147, 255,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5496, 81.2258, 58.5966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 255, 185) }
```

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

```
.background{ background-color: rgb(147,  
255, 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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