

Converting Colors

XYZ(56.5480, 79.3985, 56.0611)

Have a look what the booklet for
XYZ(56.5480, 79.3985, 56.0611)
contains.

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Color

**XYZ(56.5480, 79.3985,
56.0611)**

Conversions

Conversions Part 1

Format	Color
Hex	9CFBB5
RGB	156, 251, 181
RGB Percent	61%, 98%, 71%
CMY	0.3882, 0.0157, 0.2902
CMYK	0.38, 0.00, 0.28, 0.02
HSL	136°, 92%, 80%
HSV	136°, 38%, 98%
XYZ	56.5480, 79.3985, 56.0611
YIQ	214.6150, -34.1500, -41.9100

Conversions

Conversions Part 2

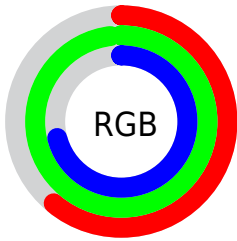
Format	Color
RYB	156, 231, 251
Decimal	10288053
CIELab	91.41, -42.46, 24.90
CIElCh	91, 49.225, 149.615
Yxy	79.3985, 0.2945, 0.4135
Android (android.graphics.Color)	4288478133 (0xFF9CFBB5)
YUV	214.6150, -16.5722, -51.4054
Hunter-Lab	89.1058, -42.6562, 25.0717

Details

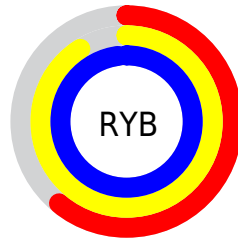
The XYZ color **56.5480, 79.3985, 56.0611** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.4023, 49.7789, 78.1159**, and the grayscale version is **64.4577, 67.8145, 73.8500**.

A 20% lighter version of the original color is **78.4866, 91.7806, 93.6995**, and **28.4436, 42.8514, 27.1941** is the 20% darker color. If you saturate the color by 10%, you get **50.4103, 76.4415, 46.5170**, and if you desaturate by 10%, it is **63.9454, 82.9802, 66.9827**.

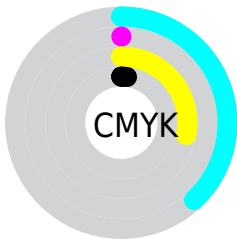
Distribution



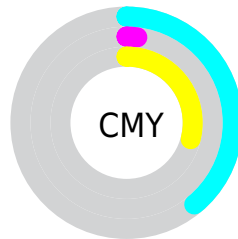
- Red (61%)
- Green (98%)
- Blue (71%)



- Red (61%)
- Yellow (91%)
- Blue (98%)



- Cyan (38%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)





- Cyan (39%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5480, 79.3985, 56.0611 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 56.5480, 79.3985, 56.0611 by changing the saturation by 10% instead.


 56.5480, 79.3985,
56.0611


 56.5480, 79.3985,
56.0611


401.7951,
492.9034, 427.3165

 40.8812, 59.2235,
39.8476

 98.9405, 132.5197,
100.5806

 28.4135, 42.7931,
27.1068


 126.3970,
166.2347, 129.7237

 18.7796, 29.7228,
17.4203

158.5140,
205.2319, 164.0136

 11.6142, 19.6283,
10.3695

195.6569,
249.8956, 203.8691

 6.5519, 12.1251,
5.5358

238.1911,
300.6102, 249.7086

 3.2273, 6.8290,
2.5008


286.4820,


 1.2751, 3.3554,


357.7601, 301.9506


0.8406


340.8948,
421.7297, 361.0137


 0.1644, 1.3199,
0.0000


 0.0000, 0.1566,
0.0000


 56.5480, 79.3985,
56.0611

 56.5480, 79.3985,
56.0611


 50.4103, 76.4415,
46.5170


 63.9454, 82.9802,
66.9827


 45.4539, 74.0634,
38.2903

 72.6626, 87.2098,
79.3281

 41.6012, 72.2274,
31.3243

 82.7630, 92.1214,
93.1481

 38.7623, 70.8887,
25.5558

 93.7860, 97.4763,
108.4652

■ 36.8322, 69.9943,
20.9163

■ 93.7887, 97.4774,
108.4796

■ 35.6728, 69.4748,
17.3294

■ 35.4836, 69.3914,
16.6862

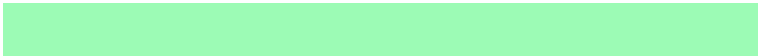
Harmonies

Analogous

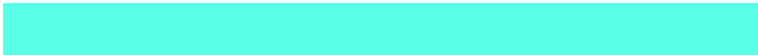
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.1851, 79.3985, 39.3031



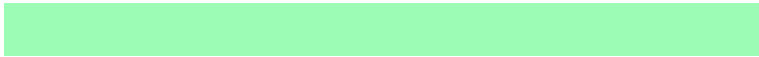
56.5480, 79.3985, 56.0611



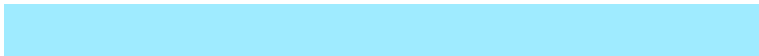
53.8645, 79.3985, 85.9891

Triad

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



56.5480, 79.3985, 56.0611



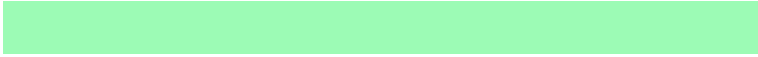
75.3043, 79.3985, 175.3302



98.3854, 79.3985, 56.6644

Complementary

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



56.5480, 79.3985, 56.0611



65.4023, 49.7789, 78.1159

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.



102.1852, 79.3985, 86.9155



56.5480, 79.3985, 56.0611



87.9965, 79.3985, 161.2962

Square

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



56.5480, 79.3985, 56.0611



63.9340, 79.3985, 160.5952



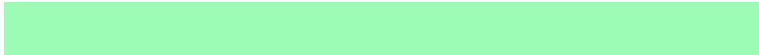
98.1925, 79.3985, 126.2173



88.3073, 79.3985, 39.5776

Rectangle

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



56.5480, 79.3985, 56.0611



54.9874, 79.3985, 111.7191



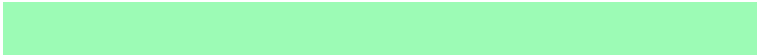
98.1925, 79.3985, 126.2173



100.4858, 79.3985, 65.3135

Sweetspot

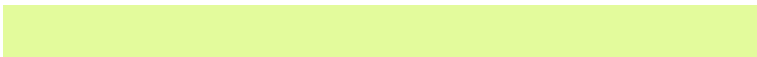
The Sweet Spot groups the original color and five complimentary colors.



56.5501, 79.4018, 56.0629



82.3217, 93.8023, 91.8587



72.2584, 87.7700, 44.5862



17.3113, 19.9273, 19.2403



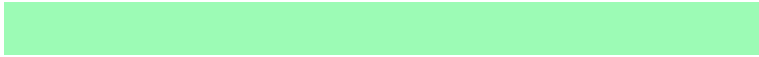
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



56.5501, 79.4018, 56.0629



53.9155, 80.0364, 50.8592



62.1096, 81.6256, 85.3389



17.2049, 19.3842, 19.2795



18.7015, 36.4936, 9.0373



1.7738, 3.3966, 1.0565

Inverse Universe

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



65.4023, 49.7789, 78.1159



64.2184, 45.5148, 76.4939



59.8872, 47.5729, 49.0741



17.7866, 17.4420, 20.7319



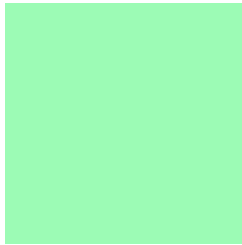
25.5752, 12.6458, 25.5354



2.4123, 1.1887, 2.5945

Previews

White Background



This preview shows how the XYZ color 56.5480, 79.3985, 56.0611 looks on a white background.

Color Contrast Check

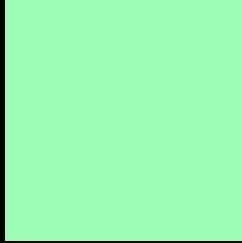
Large Text (above 18pt) WCAG AA × Fail

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 56.5480, 79.3985, 56.0611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

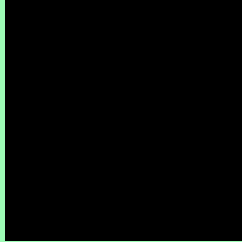
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

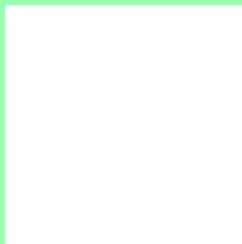
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.5480, 79.3985, 56.0611

Background



This preview shows how black text looks on a background with the XYZ color 56.5480, 79.3985, 56.0611.

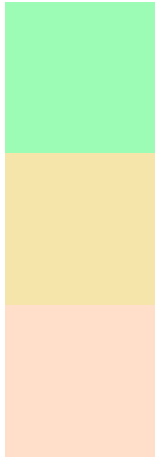


This preview shows how white text looks on a background with the XYZ color 56.5480, 79.3985,

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

56.5480, 79.3985, 56.0611

Protanopia

73.3760, 78.5717, 49.8266

Deuteranopia

78.2883, 78.2996, 66.8642



Tritanopia

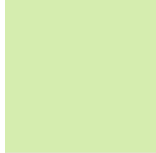
68.6837, 79.1434, 106.2639

Trichromacy



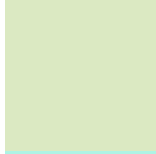
Original Color

56.5480, 79.3985, 56.0611



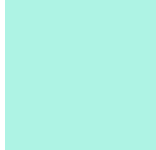
Protanomaly

65.4626, 77.8097, 52.1260



Deuteranomaly

68.0899, 77.2329, 62.3577



Tritanomaly

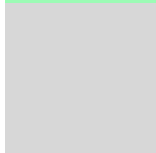
63.5097, 78.7013, 85.2423

Monochromacy



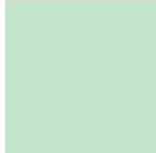
Original Color

56.5480, 79.3985, 56.0611



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

60.7710, 71.2679, 67.0530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5480, 79.3985, 56.0611 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(156, 251, 181)` looks like.

```
.text, #text, p{  
    color:rgb(156, 251, 181)  
}
```

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(156, 251, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 251, 181) }
```

Border

The CSS property to change the border of an element to XYZ 56.5480, 79.3985, 56.0611 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(156, 251, 181) }
```


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

```
.border{ border-color:rgb(156, 251, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 251, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 251, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 251, 181);  
box-shadow:4px 4px 4px 4px rgb(156, 251,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5480, 79.3985, 56.0611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 251, 181) }
```

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

```
.background{ background-color: rgb(156,  
251, 181) }
```

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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