

Converting Colors

XYZ(58.5723, 79.9913, 55.5328)

Have a look what the booklet for
XYZ(58.5723, 79.9913, 55.5328)
contains.

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Color

**XYZ(58.5723, 79.9913,
55.5328)**

Conversions

Conversions Part 1

Format	Color
Hex	A8FAB4
RGB	168, 250, 180
RGB Percent	66%, 98%, 71%
CMY	0.3412, 0.0196, 0.2941
CMYK	0.33, 0.00, 0.28, 0.02
HSL	129°, 89%, 82%
HSV	129°, 33%, 98%
XYZ	58.5723, 79.9913, 55.5328
YIQ	217.5020, -26.4020, -39.1540

Conversions

Conversions Part 2

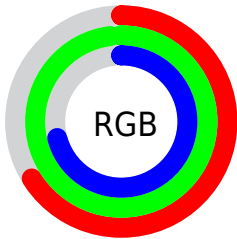
Format	Color
RYB	168, 240, 250
Decimal	11074228
CIELab	91.68, -38.65, 25.86
CIELCh	92, 46.508, 146.213
Yxy	79.9913, 0.3018, 0.4121
Android (android.graphics.Color)	4289264308 (0xFFA8FAB4)
YUV	217.5020, -18.4885, -43.4133
Hunter-Lab	89.4379, -39.6177, 25.7928

Details

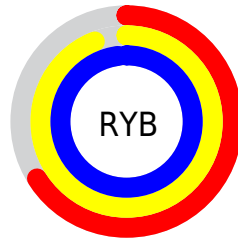
The XYZ color **58.5723, 79.9913, 55.5328** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **68.8623, 54.5041, 87.7831**, and the grayscale version is **66.4356, 69.8955, 76.1162**.

A 20% lighter version of the original color is **81.9517, 93.5837, 93.1010**, and **29.7108, 43.1829, 26.8479** is the 20% darker color. If you saturate the color by 10%, you get **51.7436, 76.7054, 44.7251**, and if you desaturate by 10%, it is **66.7632, 83.9453, 68.1551**.

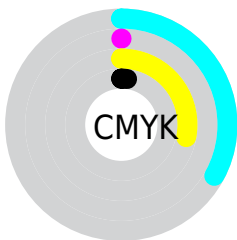
Distribution



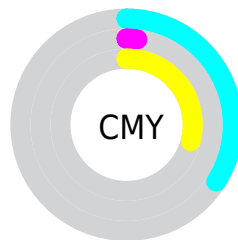
- Red (66%)
- Green (98%)
- Blue (71%)



- Red (66%)
- Yellow (94%)
- Blue (98%)



- Cyan (33%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)



- Cyan (34%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5723, 79.9913, 55.5328 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 58.5723, 79.9913, 55.5328 by changing the saturation by 10% instead.

■ 58.5723, 79.9913,
55.5328

■ 58.5723, 79.9913,
55.5328

409.2347,
494.9035, 425.2672

■ 42.5140, 59.7112,
39.4270

■ 101.8740,
133.3535, 99.8001

■ 29.6968, 43.1859,
26.7817

129.8480,
167.2044, 128.7987

■ 19.7555, 30.0310,
17.1783

162.5247,
206.3477, 162.9320

■ 12.3247, 19.8621,
10.1984

200.2693,
251.1677, 202.6184

■ 7.0390, 12.2949,
5.4234

243.4473,
302.0489, 248.2766

■ 3.5330, 6.9448,
2.4347


292.4239,


■ 1.4415, 3.4276,


359.3757, 300.3251


0.8053


347.5646,
423.5324, 359.1825


 0.2855, 1.3588,
0.0000


 0.0000, 0.1861,
0.0000


 58.5723, 79.9913,
55.5328


 58.5723, 79.9913,
55.5328


 51.7436, 76.7054,
44.7251


 66.7632, 83.9453,
68.1551


 46.1967, 74.0412,
35.6435

 76.3783, 88.5909,
82.6645

 41.8524, 71.9618,
28.2001

 87.4837, 93.9628,
99.1358

 38.6200, 70.4228,
22.2972

 93.4771, 96.8543,
108.3757

■ 36.3957, 69.3728,
17.8265

■ 35.0553, 68.7503,
14.6656

■ 34.5146, 68.5052,
13.1202

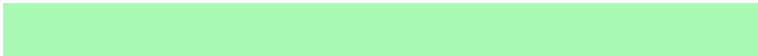
Harmonies

Analogous

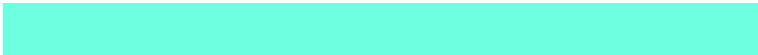
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.3742, 79.9913, 40.5829



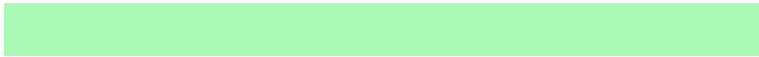
58.5723, 79.9913, 55.5328



55.4285, 79.9913, 82.8455

Triad

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



58.5723, 79.9913, 55.5328



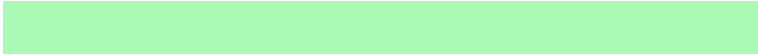
74.5300, 79.9913, 170.0940



98.4322, 79.9913, 61.2658

Complementary

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



58.5723, 79.9913, 55.5328



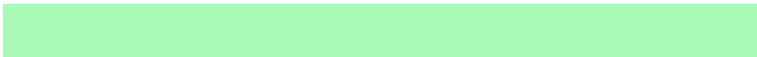
68.8623, 54.5041, 87.7831

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.



101.1904, 79.9913, 91.4914



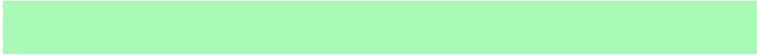
58.5723, 79.9913, 55.5328



86.5781, 79.9913, 160.0059

Square

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



58.5723, 79.9913, 55.5328



64.0148, 79.9913, 153.6093



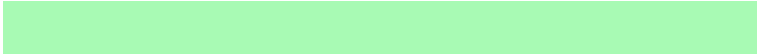
96.6501, 79.9913, 128.8023



89.4603, 79.9913, 43.2367

Rectangle

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



58.5723, 79.9913, 55.5328



56.1273, 79.9913, 106.6811



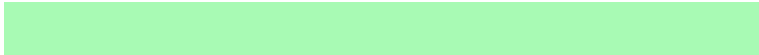
96.6501, 79.9913, 128.8023



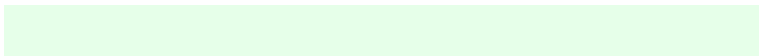
100.1545, 79.9913, 70.0694

Sweetspot

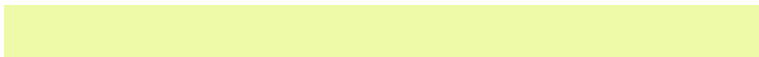
The Sweet Spot groups the original color and five complimentary colors.



58.5744, 79.9947, 55.5346



82.9740, 94.1568, 91.0654



76.8758, 89.5646, 50.2825



17.4240, 19.9910, 18.9912



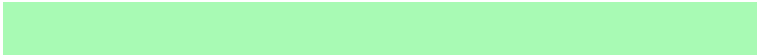
0.0000, 0.0000, 0.0000



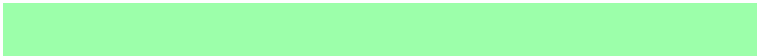
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5744, 79.9947, 55.5346



56.6489, 81.4493, 50.8173



63.2459, 81.8632, 80.1342



17.1209, 19.3506, 18.8370



18.3382, 36.3483, 7.1240



1.7285, 3.3785, 0.8182

Inverse Universe

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



68.8623, 54.5041, 87.7831



68.8476, 51.2040, 89.0407



63.6301, 52.4112, 60.2308



17.8774, 17.4783, 21.2102



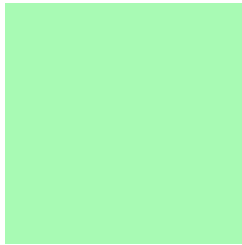
27.3524, 13.3567, 34.8940



2.5621, 1.2486, 3.3836

Previews

White Background



This preview shows how the XYZ color 58.5723, 79.9913, 55.5328 looks on a white background.

Color Contrast Check

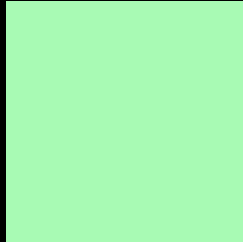
Large Text (above 18pt) WCAG AA × Fail

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 58.5723, 79.9913, 55.5328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

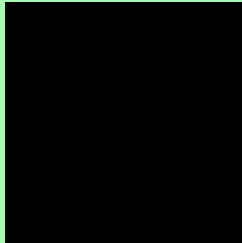
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5723, 79.9913, 55.5328

Background



This preview shows how black text looks on a background with the XYZ color 58.5723, 79.9913, 55.5328.



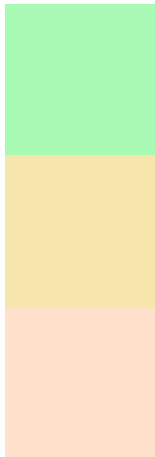
This preview shows how white text looks on a background with the XYZ color 58.5723, 79.9913,

55.5328.

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

58.5723, 79.9913, 55.5328

Protanopia

74.0053, 79.3081, 49.9356

Deuteranopia

78.6751, 78.8831, 67.5792



Tritanopia

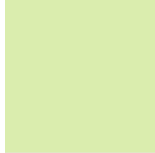
70.1104, 79.4454, 106.2470

Trichromacy



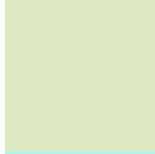
Original Color

58.5723, 79.9913, 55.5328



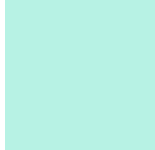
Protanomaly

66.8376, 78.5298, 51.6794



Deuteranomaly

69.4207, 77.9059, 63.0082



Tritanomaly

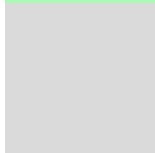
65.2842, 79.1730, 85.2399

Monochromacy



Original Color

58.5723, 79.9913, 55.5328



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.0153, 73.2326, 67.9408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5723, 79.9913, 55.5328 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(168, 250, 180)` looks like.

```
.text, #text, p{  
    color:rgb(168, 250, 180)  
}
```

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(168, 250, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 250, 180) }
```

Border

The CSS property to change the border of an element to XYZ 58.5723, 79.9913, 55.5328 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(168, 250, 180) }
```


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

```
.border{ border-color:rgb(168, 250, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 250, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 250, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 250, 180);  
box-shadow:4px 4px 4px 4px rgb(168, 250,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5723, 79.9913, 55.5328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 250, 180) }
```

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

```
.background{ background-color: rgb(168,  
250, 180) }
```

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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