

Converting Colors

XYZ(58.9849, 79.9727, 63.9110)

Have a look what the booklet for
XYZ(58.9849, 79.9727, 63.9110)
contains.

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Color

**XYZ(58.9362, 79.9927,
63.9636)**

Conversions

Conversions Part 1

Format	Color
Hex	A2FAC3
RGB	162, 250, 195
RGB Percent	64%, 98%, 76%
CMY	0.3647, 0.0196, 0.2353
CMYK	0.35, 0.00, 0.22, 0.02
HSL	142°, 90%, 81%
HSV	142°, 35%, 98%
XYZ	58.9362, 79.9927, 63.9636
YIQ	217.4180, -34.7930, -35.7610

Conversions

Conversions Part 2

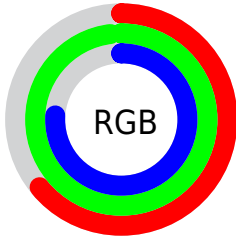
Format	Color
RYB	162, 226, 250
Decimal	10681027
CIELab	91.68, -37.78, 18.16
CIELCh	92, 41.913, 154.331
Yxy	79.9927, 0.2905, 0.3943
Android (android.graphics.Color)	4288871107 (0xFFA2FAC3)
YUV	217.4180, -11.0521, -48.6016
Hunter-Lab	89.4386, -38.8938, 20.2048

Details

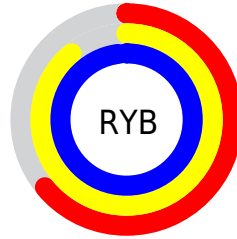
The XYZ color **58.9362, 79.9927, 63.9636** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **64.8717, 51.1762, 72.1077**, and the grayscale version is **66.3325, 69.7869, 75.9980**.

A 20% lighter version of the original color is **82.5441, 93.6083, 105.8131**, and **29.9411, 43.1888, 31.9575** is the 20% darker color. If you saturate the color by 10%, you get **52.6787, 76.9626, 54.9266**, and if you desaturate by 10%, it is **66.3924, 83.6238, 74.0253**.

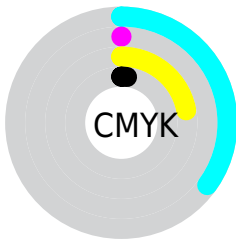
Distribution



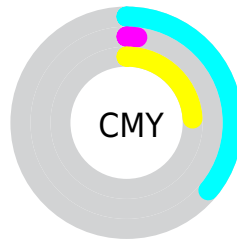
- Red (64%)
- Green (98%)
- Blue (76%)



- Red (64%)
- Yellow (89%)
- Blue (98%)



- Cyan (35%)
- Magenta (0%)
- Yellow (22%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9362, 79.9927, 63.9636 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 58.9362, 79.9927, 63.9636 by changing the saturation by 10% instead.


 58.9362, 79.9927,
63.9636


 58.9362, 79.9927,
63.9636

410.5633,
494.9082, 457.2620

 42.8079, 59.7123,
46.1752


 102.4001,
133.3555, 112.1575

 29.9283, 43.1868,
32.0344


 130.4664,
167.2067, 143.4000

 19.9320, 30.0317,
21.1228


163.2428,
206.3503, 179.9644

 12.4536, 19.8627,
13.0217

201.0947,
251.1707, 222.2691

 7.1278, 12.2953,
7.3126

244.3873,
302.0523, 270.7326

 3.5892, 6.9451,
3.5769

293.4860,

 1.4725, 3.4278,

359.3795, 325.7736

1.3962

348.7562,
423.5367, 387.8106

■ 0.3070, 1.3589,
0.1388

■ 0.0000, 0.1862,
0.0000

■ 58.9362, 79.9927,
63.9636

■ 58.9362, 79.9927,
63.9636

■ 52.6787, 76.9626,
54.9266

■ 66.3924, 83.6238,
74.0253

■ 47.5477, 74.4904,
46.8762

■ 75.1016, 87.8766,
85.1374

■ 43.4729, 72.5426,
39.7799

■ 85.1221, 92.7828,
97.3314

■ 40.3729, 71.0780,
33.6011

■ 93.4771, 96.8542,
108.3757

■ 38.1535, 70.0489,
28.3008

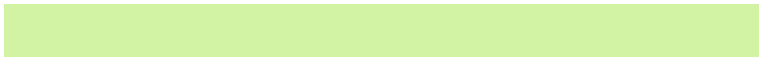
■ 36.6999, 69.3968,
23.8366

■ 36.1962, 69.1779,
21.9757

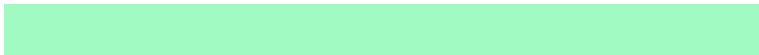
Harmonies

Analogous

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



64.9960, 79.9927, 46.9030



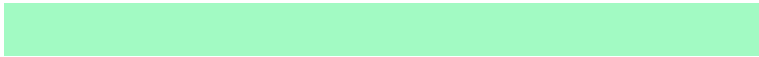
58.9362, 79.9927, 63.9636



57.2862, 79.9927, 91.6296

Triad

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



58.9362, 79.9927, 63.9636



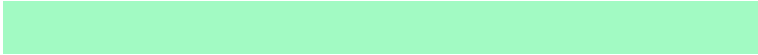
77.5968, 79.9927, 160.1532



94.3395, 79.9927, 57.8863

Complementary

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



58.9362, 79.9927, 63.9636



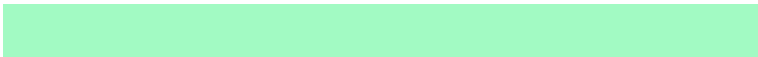
64.8717, 51.1762, 72.1077

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.



98.4738, 79.9927, 82.7192



58.9362, 79.9927, 63.9636



88.2485, 79.9927, 145.4564

Square

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



58.9362, 79.9927, 63.9636



67.4530, 79.9927, 151.8175



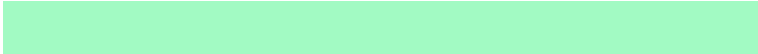
96.1470, 79.9927, 115.2308



85.3063, 79.9927, 44.0158

Rectangle

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



58.9362, 79.9927, 63.9636



58.7648, 79.9927, 113.7329



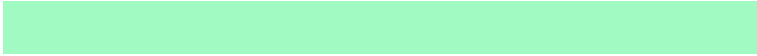
96.1470, 79.9927, 115.2308



96.3849, 79.9927, 64.9851

Sweetspot

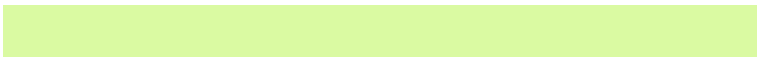
The Sweet Spot groups the original color and five complimentary colors.



58.9383, 79.9960, 63.9654



82.7774, 93.9846, 94.2581



69.5437, 85.8478, 47.0883



17.4194, 19.9705, 19.8096



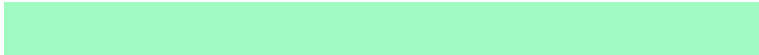
0.0000, 0.0000, 0.0000



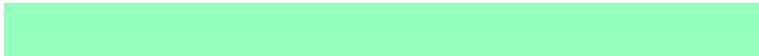
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9383, 79.9960, 63.9654



57.0384, 81.4401, 60.3249



64.5603, 82.2448, 93.5700



17.2866, 19.4169, 19.7097



19.2628, 36.7181, 11.9931



1.8336, 3.4205, 1.3715

Inverse Universe

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



64.8717, 51.1762, 72.1077



64.0592, 47.3065, 69.9361



59.9610, 49.2119, 46.2480



17.7009, 17.4077, 20.2807



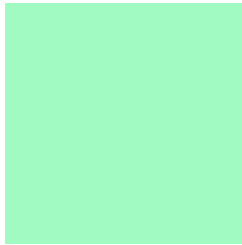
24.1783, 12.0871, 18.1794



2.2907, 1.1400, 1.9543

Previews

White Background



This preview shows how the XYZ color 58.9362, 79.9927, 63.9636 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 58.9362, 79.9927, 63.9636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

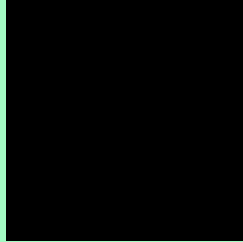
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9362, 79.9927, 63.9636

Background



This preview shows how black text looks on a background with the XYZ color 58.9362, 79.9927, 63.9636.

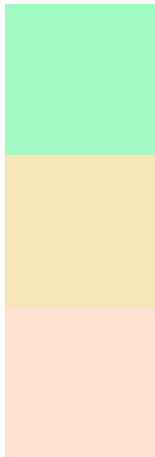


This preview shows how white text looks on a background with the XYZ color 58.9362, 79.9927, 63.9636.

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

58.9362, 79.9927, 63.9636

Protanopia

74.3620, 79.3295, 57.2918

Deuteranopia

79.4043, 79.1748, 71.4188



Tritanopia

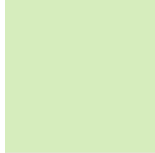
69.6555, 79.6444, 106.3094

Trichromacy



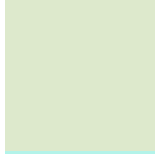
Original Color

58.9362, 79.9927, 63.9636



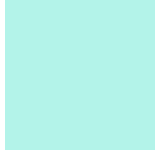
Protanomaly

67.2011, 78.5386, 59.7617



Deuteranomaly

69.8568, 78.0096, 68.5023



Tritanomaly

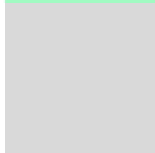
65.3490, 79.5681, 89.0047

Monochromacy



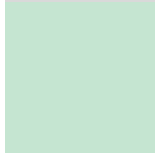
Original Color

58.9362, 79.9927, 63.9636



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

62.5539, 72.5124, 71.0210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9362, 79.9927, 63.9636 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(162, 250, 195)` looks like.

```
.text, #text, p{  
    color:rgb(162, 250, 195)  
}
```

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(162, 250, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 250, 195) }
```

Border

The CSS property to change the border of an element to XYZ 58.9362, 79.9927, 63.9636 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(162, 250, 195) }
```


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

```
.border{ border-color:rgb(162, 250, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 250, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 250, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 250, 195);  
box-shadow:4px 4px 4px 4px rgb(162, 250,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9362, 79.9927, 63.9636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 250, 195) }
```

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

```
.background{ background-color: rgb(162,  
250, 195) }
```

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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