

Converting Colors

XYZ(65.4276, 95.0759, 53.9167)

Have a look what the booklet for
XYZ(65.4276, 95.0759, 53.9167)
contains.

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Color

**XYZ(59.3548, 82.8234,
51.8879)**

Conversions

Conversions Part 1

Format	Color
Hex	A8FFAC
RGB	168, 255, 172
RGB Percent	66%, 100%, 67%
CMY	0.3412, 0.0000, 0.3255
CMYK	0.34, 0.00, 0.33, 0.00
HSL	123°, 100%, 83%
HSV	123°, 34%, 100%
XYZ	59.3548, 82.8234, 51.8879
YIQ	219.5250, -25.2090, -44.2570

Conversions

Conversions Part 2

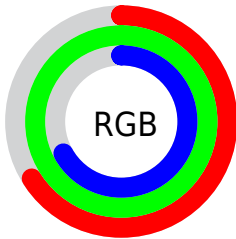
Format	Color
RYB	168, 251, 255
Decimal	11075500
CIELab	92.94, -42.18, 31.60
CIELCh	93, 52.708, 143.158
Yxy	82.8234, 0.3058, 0.4268
Android (android.graphics.Color)	4289265580 (0xFFA8FFAC)
YUV	219.5250, -23.4298, -45.1874
Hunter-Lab	91.0074, -42.8456, 29.9009

Details

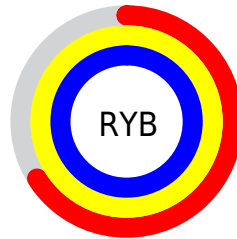
The XYZ color **59.3548, 82.8234, 51.8879** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **72.6551, 56.2305, 98.2897**, and the grayscale version is **67.8667, 71.4011, 77.7558**.

A 20% lighter version of the original color is **80.8149, 93.1290, 87.1151**, and **30.2059, 45.1648, 24.5784** is the 20% darker color. If you saturate the color by 10%, you get **52.3211, 79.4430, 40.4589**, and if you desaturate by 10%, it is **67.8816, 86.9240, 65.6217**.

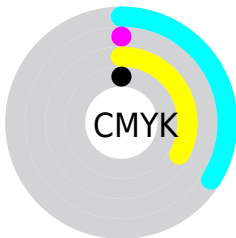
Distribution



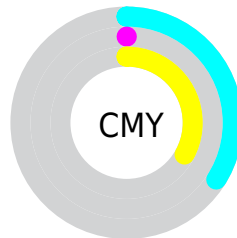
- Red (66%)
- Green (100%)
- Blue (67%)



- Red (66%)
- Yellow (98%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3548, 82.8234, 51.8879 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 59.3548, 82.8234, 51.8879 by changing the saturation by 10% instead.

■ 59.3548, 82.8234,
51.8879

■ 59.3548, 82.8234,
51.8879

412.0884,
504.3978, 410.9483

■ 43.1463, 62.0445,
36.5341

■ 103.0048,
137.3281, 94.3908

■ 30.1949, 45.0686,
24.5540

131.1770,
171.8226, 122.3770

■ 20.1354, 31.5115,
15.5291

164.0679,
211.6579, 155.4110

■ 12.6023, 20.9886,
9.0408

202.0426,
257.2181, 193.9115

■ 7.2304, 13.1157,
4.6706

245.4667,
308.8879, 238.2969

■ 3.6542, 7.5083,
2.0000


294.7055,


■ 1.5084, 3.7819,


367.0515, 288.9858


0.5553


350.1243,
432.0933, 346.3968


 0.3316, 1.5523,
0.0000


 0.0000, 0.3252,
0.0000


 59.3548, 82.8234,
51.8879


 59.3548, 82.8234,
51.8879


 52.3211, 79.4430,
40.4589


 67.8816, 86.9240,
65.6217

 46.6932, 76.7408,
31.2049

 77.9791, 91.7824,
81.7729

 42.3771, 74.6709,
23.9891

 89.7213, 97.4344,
100.4512

 39.2664, 73.1821,
18.6579

95.0500, 100.0000,
108.9000

■ 37.2383, 72.2147,
15.0355

■ 36.1439, 71.6963,
12.9134

■ 35.8247, 71.5459,
12.2608

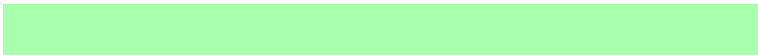
Harmonies

Analogous

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



68.7495, 82.8234, 36.8385



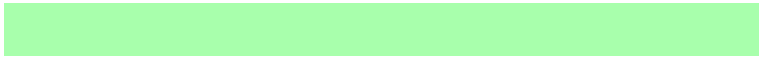
59.3548, 82.8234, 51.8879



55.2251, 82.8234, 81.4347

Triad

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



59.3548, 82.8234, 51.8879



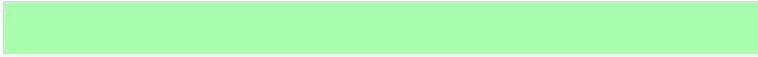
75.6050, 82.8234, 188.5139



105.6965, 82.8234, 63.4976

Complementary

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



59.3548, 82.8234, 51.8879



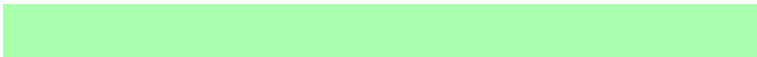
72.6551, 56.2305, 98.2897

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.



108.0840, 82.8234, 99.5313



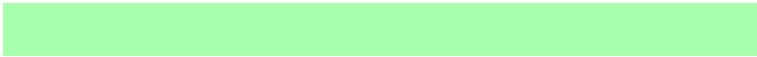
59.3548, 82.8234, 51.8879



89.6133, 82.8234, 179.5431

Square

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



59.3548, 82.8234, 51.8879



63.8717, 82.8234, 165.6057



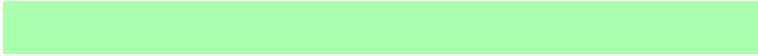
101.8991, 82.8234, 143.7933



95.7104, 82.8234, 42.0459

Rectangle

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



59.3548, 82.8234, 51.8879



55.6265, 82.8234, 108.5901



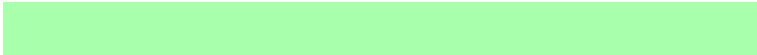
101.8991, 82.8234, 143.7933



107.4588, 82.8234, 73.9791

Sweetspot

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



59.3553, 82.8236, 51.8892



82.6105, 94.0114, 89.1513



83.0091, 95.0613, 51.0199



17.3369, 19.9562, 18.5326



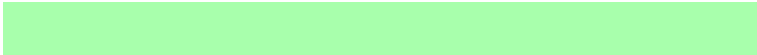
0.0000, 0.0000, 0.0000



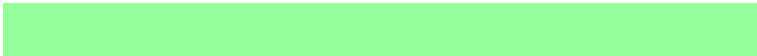
20.3446, 21.4041, 23.3091

Same Dimension

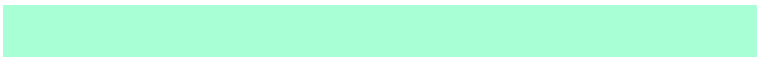
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.3553, 82.8236, 51.8892



54.3588, 80.4221, 43.7824



64.0975, 84.7205, 76.8612



17.8054, 20.1817, 19.2784



18.7336, 37.3900, 6.4822



1.8354, 3.6451, 0.6910

Inverse Universe

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



72.6551, 56.2305, 98.2897



69.5036, 50.1307, 96.6127



66.7020, 53.8493, 66.9410



18.7545, 18.2851, 22.5901



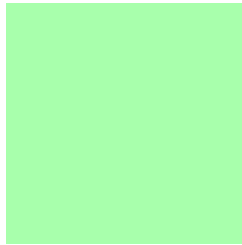
30.0392, 14.5050, 45.7185



2.9355, 1.4166, 4.5079

Previews

White Background



This preview shows how the XYZ color 59.3548, 82.8234, 51.8879 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 59.3548, 82.8234, 51.8879 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

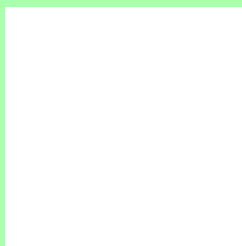
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3548, 82.8234, 51.8879

Background



This preview shows how black text looks on a background with the XYZ color 59.3548, 82.8234, 51.8879.

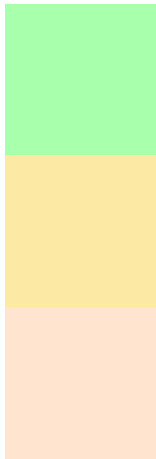


This preview shows how white text looks on a background with the XYZ color 59.3548, 82.8234,

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

59.3548, 82.8234, 51.8879

Protanopia

75.8947, 81.6176, 46.4040

Deuteranopia

80.6445, 81.8527, 71.2232



Tritanopia

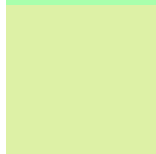
73.5927, 82.5481, 106.6624

Trichromacy



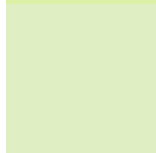
Original Color

59.3548, 82.8234, 51.8879



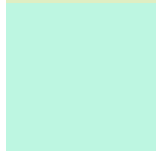
Protanomaly

68.1570, 81.0359, 48.1256



Deuteranomaly

70.8563, 80.7772, 63.4868



Tritanomaly

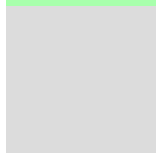
67.5326, 82.1666, 83.5346

Monochromacy



Original Color

59.3548, 82.8234, 51.8879



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.0058, 75.0071, 67.6043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3548, 82.8234, 51.8879 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, 255, 172)` looks like.

```
.text, #text, p{  
    color:rgb(168, 255, 172)  
}
```

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, 255, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 255, 172) }
```

Border

The CSS property to change the border of an element to XYZ 59.3548, 82.8234, 51.8879 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, 255, 172) }
```


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

```
.border{ border-color:rgb(168, 255, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 255, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 255, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 255, 172);  
box-shadow:4px 4px 4px 4px rgb(168, 255,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3548, 82.8234, 51.8879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 255, 172) }
```

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

```
.background{ background-color: rgb(168,  
255, 172) }
```

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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