

Converting Colors

XYZ(59.5207, 80.1592, 65.0956)

Have a look what the booklet for
XYZ(59.5207, 80.1592, 65.0956)
contains.

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Color

**XYZ(59.5735, 80.2949,
65.1819)**

Conversions

Conversions Part 1

Format	Color
Hex	A4FAC5
RGB	164, 250, 197
RGB Percent	64%, 98%, 77%
CMY	0.3569, 0.0196, 0.2274
CMYK	0.34, 0.00, 0.21, 0.02
HSL	143°, 90%, 81%
HSV	143°, 34%, 98%
XYZ	59.5735, 80.2949, 65.1819
YIQ	218.2440, -34.2430, -34.7150

Conversions

Conversions Part 2

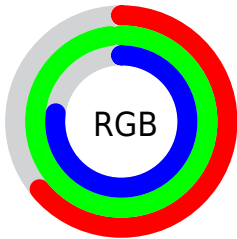
Format	Color
RYB	164, 226, 250
Decimal	10812101
CIELab	91.82, -36.83, 17.33
CIElCh	92, 40.704, 154.798
Yxy	80.2949, 0.2905, 0.3916
Android (android.graphics.Color)	4289002181 (0xFFA4FAC5)
YUV	218.2440, -10.4733, -47.5720
Hunter-Lab	89.6074, -38.1412, 19.5967

Details

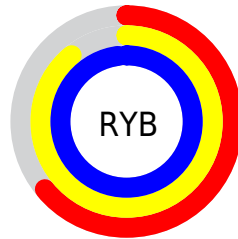
The XYZ color **59.5735, 80.2949, 65.1819** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.2269, 51.8866, 72.2262**, and the grayscale version is **66.8976, 70.3815, 76.6454**.

A 20% lighter version of the original color is **83.4682, 94.0479, 107.5198**, and **30.3346, 43.3743, 32.7599** is the 20% darker color. If you saturate the color by 10%, you get **53.2365, 77.2239, 56.1364**, and if you desaturate by 10%, it is **67.1094, 83.9675, 75.2289**.

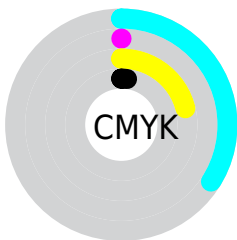
Distribution



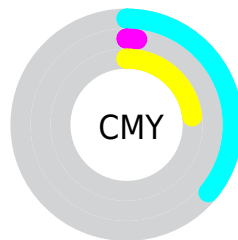
- Red (64%)
- Green (98%)
- Blue (77%)



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



- Cyan (34%)
- Magenta (0%)
- Yellow (21%)
- Black (2%)




- Cyan (36%)
- Magenta (2%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5735, 80.2949, 65.1819 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 59.5735, 80.2949, 65.1819 by changing the saturation by 10% instead.


 59.5735, 80.2949,
65.1819


 59.5735, 80.2949,
65.1819

412.8839,
495.9261, 461.7694

 43.3231, 59.9611,
47.1563


 103.3206,
133.7803, 113.9271

 30.3343, 43.3872,
32.8040


 131.5480,
167.7006, 145.4838

 20.2418, 30.1891,
21.7065


164.4985,
206.9185, 182.3880

 12.6802, 19.9821,
13.4451

202.5373,
251.8184, 225.0581

 7.2842, 12.3821,
7.6014

246.0299,
302.7848, 273.9128

 3.6884, 7.0044,
3.7569


295.3417,


 1.5274, 3.4649,


360.2019, 329.3706


1.4930


350.8379,
424.4542, 391.8499


 0.3444, 1.3790,
0.2127


 0.0000, 0.2012,
0.0000

 59.5735, 80.2949,
65.1819


 59.5735, 80.2949,
65.1819


 53.2365, 77.2239,
56.1364


 67.1094, 83.9675,
75.2289


 48.0268, 74.7117,
48.0559

 75.8978, 88.2621,
86.3019

 43.8750, 72.7252,
40.9092

 85.9966, 93.2102,
98.4310

 40.7009, 71.2239,
34.6616

 93.4771, 96.8542,
108.3757

■ 38.4118, 70.1607,
29.2757

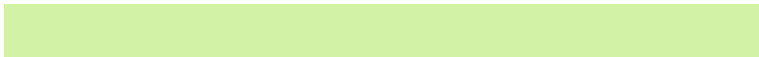
■ 36.8952, 69.4783,
24.7115

■ 36.2951, 69.2174,
22.4965

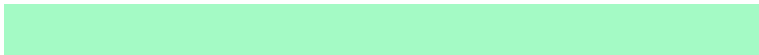
Harmonies

Analogous

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



65.4364, 80.2949, 48.2386



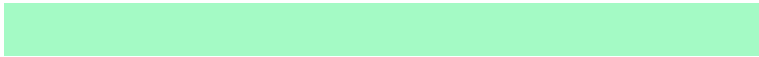
59.5735, 80.2949, 65.1819



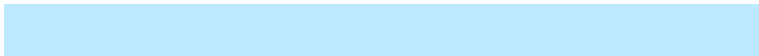
58.0283, 80.2949, 92.3195

Triad

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



59.5735, 80.2949, 65.1819



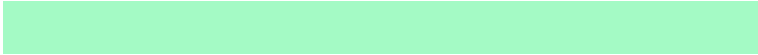
78.0074, 80.2949, 158.0527



93.9978, 80.2949, 58.5777

Complementary

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



59.5735, 80.2949, 65.1819



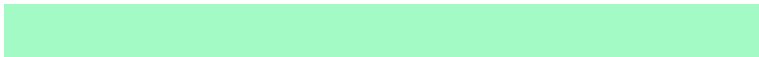
65.2269, 51.8866, 72.2262

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.



98.0956, 80.2949, 82.7115



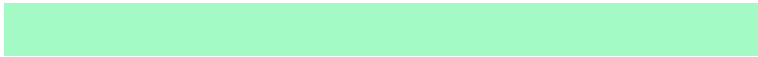
59.5735, 80.2949, 65.1819



88.3434, 80.2949, 143.5761

Square

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



59.5735, 80.2949, 65.1819



68.0935, 80.2949, 150.3666



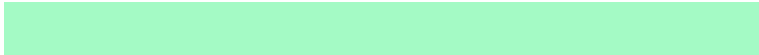
95.9381, 80.2949, 114.2334



85.1793, 80.2949, 45.0788

Rectangle

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



59.5735, 80.2949, 65.1819



59.5228, 80.2949, 113.7948



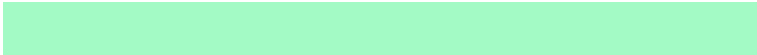
95.9381, 80.2949, 114.2334



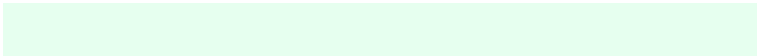
96.0078, 80.2949, 65.4845

Sweetspot

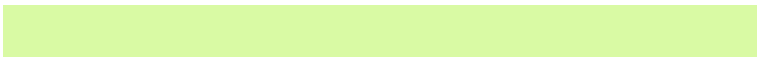
The Sweet Spot groups the original color and five complimentary colors.



59.5757, 80.2982, 65.1837



83.8550, 94.5092, 95.7044



69.5144, 85.8120, 48.0226



17.6359, 20.0758, 20.1071



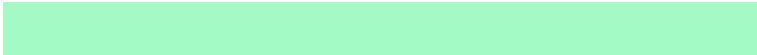
0.0000, 0.0000, 0.0000



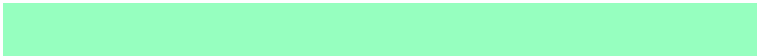
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5757, 80.2982, 65.1837



57.7770, 81.7893, 61.7823



65.2213, 82.5565, 94.9130



17.2930, 19.4195, 19.7435



19.3161, 36.7394, 12.2739



1.8390, 3.4227, 1.3999

Inverse Universe

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



65.2269, 51.8866, 72.2262



64.4690, 48.1169, 70.1010



60.3454, 49.9340, 46.5204



17.6943, 17.4051, 20.2458



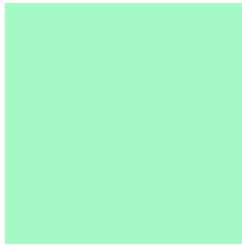
24.0815, 12.0483, 17.6692



2.2821, 1.1366, 1.9090

Previews

White Background



This preview shows how the XYZ color 59.5735, 80.2949, 65.1819 looks on a white background.

Color Contrast Check

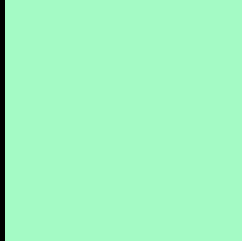
Large Text (above 18pt) WCAG AA × Fail

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 59.5735, 80.2949, 65.1819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

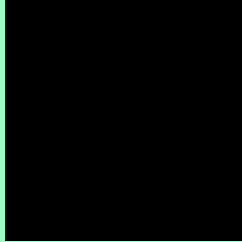
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5735, 80.2949, 65.1819

Background



This preview shows how black text looks on a background with the XYZ color 59.5735, 80.2949, 65.1819.



This preview shows how white text looks on a background with the XYZ color 59.5735, 80.2949,

65.1819.

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

59.5735, 80.2949, 65.1819

Protanopia

74.5747, 79.4146, 58.4117

Deuteranopia

79.5285, 79.2245, 72.0730



Tritanopia

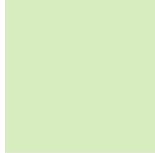
70.1517, 79.9002, 106.3326

Trichromacy



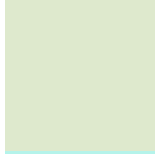
Original Color

59.5735, 80.2949, 65.1819



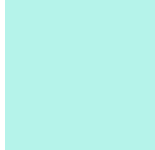
Protanomaly

67.7125, 78.7770, 60.9269



Deuteranomaly

70.2826, 78.2152, 69.1504



Tritanomaly

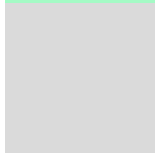
65.9579, 79.8655, 89.7811

Monochromacy



Original Color

59.5735, 80.2949, 65.1819



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.2184, 73.2525, 71.7800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5735, 80.2949, 65.1819 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(164, 250, 197)` looks like.

```
.text, #text, p{  
    color:rgb(164, 250, 197)  
}
```

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(164, 250, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 250, 197) }
```

Border

The CSS property to change the border of an element to XYZ 59.5735, 80.2949, 65.1819 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(164, 250, 197) }
```


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

```
.border{ border-color:rgb(164, 250, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 250, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 250, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 250, 197);  
box-shadow:4px 4px 4px 4px rgb(164, 250,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5735, 80.2949, 65.1819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 250, 197) }
```

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

```
.background{ background-color: rgb(164,  
250, 197) }
```

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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