

Converting Colors

XYZ(59.0847, 79.2079, 61.2744)

Have a look what the booklet for
XYZ(59.0847, 79.2079, 61.2744)
contains.

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Color

**XYZ(59.1198, 79.2212,
61.4655)**

Conversions

Conversions Part 1

Format	Color
Hex	A8F8BF
RGB	168, 248, 191
RGB Percent	66%, 97%, 75%
CMY	0.3412, 0.0274, 0.2510
CMYK	0.32, 0.00, 0.23, 0.03
HSL	137°, 85%, 82%
HSV	137°, 32%, 97%
XYZ	59.1198, 79.2212, 61.4655
YIQ	217.5820, -29.3830, -34.6870

Conversions

Conversions Part 2

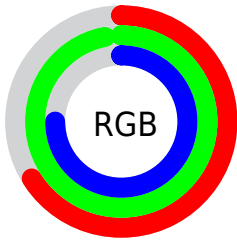
Format	Color
RYB	168, 230, 248
Decimal	11073727
CIELab	91.33, -35.84, 19.77
CIElCh	91, 40.927, 151.121
Yxy	79.2212, 0.2959, 0.3965
Android (android.graphics.Color)	4289263807 (0xFFA8F8BF)
YUV	217.5820, -13.1049, -43.4834
Hunter-Lab	89.0063, -37.1977, 21.3602

Details

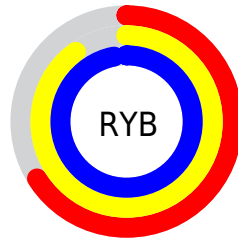
The XYZ color **59.1198, 79.2212, 61.4655** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66.3073, 53.3997, 78.0497**, and the grayscale version is **66.4563, 69.9172, 76.1398**.

A 20% lighter version of the original color is **83.5998, 94.2430, 101.7802**, and **29.9562, 42.5785, 30.3065** is the 20% darker color. If you saturate the color by 10%, you get **52.5064, 76.0254, 51.6106**, and if you desaturate by 10%, it is **66.9789, 83.0365, 72.6068**.

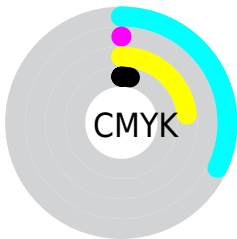
Distribution



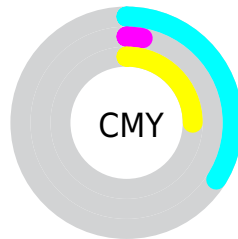
- Red (66%)
- Green (97%)
- Blue (75%)



- Red (66%)
- Yellow (90%)
- Blue (97%)



- Cyan (32%)
- Magenta (0%)
- Yellow (23%)
- Black (3%)



- Cyan (34%)
- Magenta (3%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1198, 79.2212, 61.4655 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 59.1198, 79.2212, 61.4655 by changing the saturation by 10% instead.

59.1198, 79.2212,
61.4655

59.1198, 79.2212,
61.4655

411.2327,
492.3043, 447.9324

42.9563, 59.0777,
44.1680

102.6654,
132.2702, 108.5167

30.0452, 42.6757,
30.4644

130.7782,
165.9445, 139.1075

20.0211, 29.6307,
19.9363

163.6048,
204.8979, 174.9665

12.5188, 19.5585,
12.1651

201.5106,
249.5147, 216.5121

7.1727, 12.0745,
6.7323

244.8610,
300.1794, 264.1630

3.6176, 6.7944,
3.2194

294.0212,

1.4882, 3.3339,

357.2762, 318.3376

1.2077

349.3566,
421.1898, 379.4546

■ 0.3178, 1.3084,
0.0000

■ 0.0000, 0.1477,
0.0000

■ 59.1198, 79.2212,
61.4655

■ 59.1198, 79.2212,
61.4655

■ 52.5064, 76.0254,
51.6106

■ 66.9789, 83.0365,
72.6068

■ 47.0667, 73.4063,
42.9905

■ 76.1383, 87.4919,
85.0733

■ 42.7309, 71.3311,
35.5574

■ 86.6566, 92.6189,
98.9087

■ 39.4186, 69.7596,
29.2588

■ 92.8589, 95.6178,
108.1696

■ 37.0382, 68.6455,
24.0378

■ 35.4802, 67.9338,
19.8326

■ 34.7159, 67.5966,
17.2296

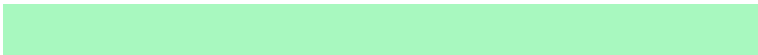
Harmonies

Analogous

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



65.4342, 79.2212, 45.9554



59.1198, 79.2212, 61.4655



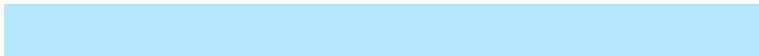
57.0331, 79.2212, 87.3827

Triad

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



59.1198, 79.2212, 61.4655



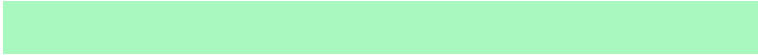
75.6889, 79.2212, 157.0621



93.7327, 79.2212, 59.9315

Complementary

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



59.1198, 79.2212, 61.4655



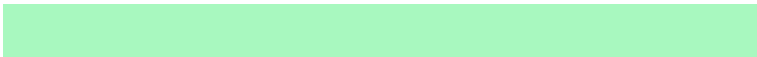
66.3073, 53.3997, 78.0497

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.



97.0958, 79.2212, 85.1438



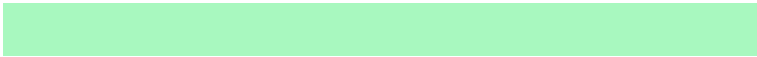
59.1198, 79.2212, 61.4655



86.1049, 79.2212, 145.1132

Square

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



59.1198, 79.2212, 61.4655



66.0527, 79.2212, 146.7024



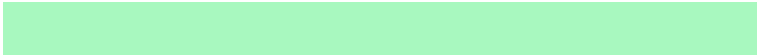
94.1858, 79.2212, 116.9559



85.3667, 79.2212, 45.2236

Rectangle

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



59.1198, 79.2212, 61.4655



58.1526, 79.2212, 108.5675



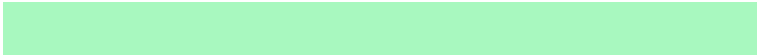
94.1858, 79.2212, 116.9559



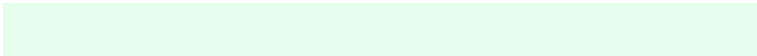
95.5186, 79.2212, 67.2361

Sweetspot

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



59.1219, 79.2245, 61.4673



83.4943, 94.3649, 93.8051



71.7935, 86.0268, 49.8675



17.5490, 20.0410, 19.6495



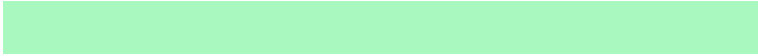
0.0000, 0.0000, 0.0000



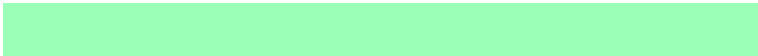
20.3446, 21.4041, 23.3091

Same Dimension

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



59.1219, 79.2245, 61.4673



58.0499, 82.0097, 58.1950



64.0950, 81.2138, 87.6555



17.2226, 19.3913, 19.3726



18.8049, 36.5350, 9.5818



1.7853, 3.4012, 1.1174

Inverse Universe

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



66.3073, 53.3997, 78.0497



66.8367, 50.3996, 78.4513



61.5085, 51.4802, 52.7798



17.7678, 17.4345, 20.6331



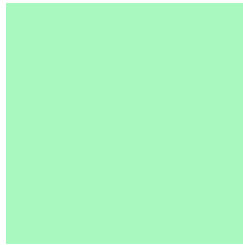
25.2464, 12.5143, 23.8039



2.3840, 1.1774, 2.4458

Previews

White Background



This preview shows how the XYZ color 59.1198, 79.2212, 61.4655 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 59.1198, 79.2212, 61.4655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

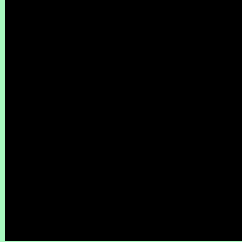
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

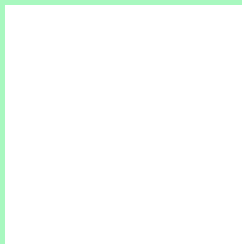
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1198, 79.2212, 61.4655

Background



This preview shows how black text looks on a background with the XYZ color 59.1198, 79.2212, 61.4655.



This preview shows how white text looks on a background with the XYZ color 59.1198, 79.2212,

61.4655.

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

59.1198, 79.2212, 61.4655

Protanopia

73.7710, 78.6491, 55.5486

Deuteranopia

78.6471, 78.4431, 68.7535



Tritanopia

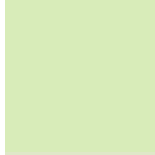
69.3636, 79.0604, 106.2121

Trichromacy



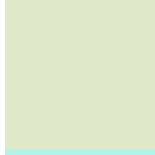
Original Color

59.1198, 79.2212, 61.4655



Protanomaly

67.0713, 78.0926, 57.4373



Deuteranomaly

69.7134, 77.5713, 65.9421



Tritanomaly

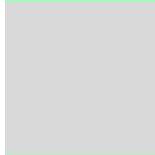
65.3737, 79.1542, 88.1767

Monochromacy



Original Color

59.1198, 79.2212, 61.4655



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

63.2239, 72.8720, 70.4080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1198, 79.2212, 61.4655 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, 248, 191)` looks like.

```
.text, #text, p{  
    color:rgb(168, 248, 191)  
}
```

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, 248, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 248, 191) }
```

Border

The CSS property to change the border of an element to XYZ 59.1198, 79.2212, 61.4655 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, 248, 191) }
```


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

```
.border{ border-color:rgb(168, 248, 191) }
```

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

Here you see how a box with a 4 pixel rgb(168, 248, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 248, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 248, 191);  
box-shadow:4px 4px 4px 4px rgb(168, 248,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1198, 79.2212, 61.4655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 248, 191) }
```

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

```
.background{ background-color: rgb(168,  
248, 191) }
```

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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