

Converting Colors

XYZ(59.2480, 82.4327, 67.0429)

Have a look what the booklet for
XYZ(59.2480, 82.4327, 67.0429)
contains.

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Color

**XYZ(59.2057, 82.4158,
66.8202)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFC7
RGB	153, 255, 199
RGB Percent	60%, 100%, 78%
CMY	0.4000, 0.0000, 0.2196
CMYK	0.40, 0.00, 0.22, 0.00
HSL	147°, 100%, 80%
HSV	147°, 40%, 100%
XYZ	59.2057, 82.4158, 66.8202
YIQ	218.1180, -42.8160, -39.0400

Conversions

Conversions Part 2

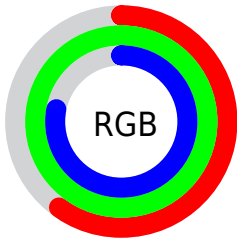
Format	Color
RYB	153, 223, 255
Decimal	10092487
CIELab	92.76, -41.77, 17.55
CIElCh	93, 45.307, 157.204
Yxy	82.4158, 0.2840, 0.3954
Android (android.graphics.Color)	4288282567 (0xFF99FFC7)
YUV	218.1180, -9.4252, -57.1085
Hunter-Lab	90.7831, -42.4588, 19.9083

Details

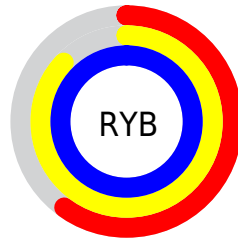
The XYZ color **59.2057, 82.4158, 66.8202** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **64.1403, 48.6468, 66.3311**, and the grayscale version is **66.8060, 70.2851, 76.5405**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **30.1288, 44.9193, 33.8704** is the 20% darker color. If you saturate the color by 10%, you get **53.3447, 79.5736, 58.4479**, and if you desaturate by 10%, it is **66.2461, 85.8487, 76.0310**.

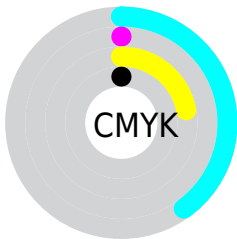
Distribution



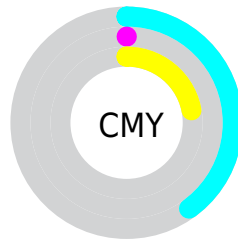
- Red (60%)
- Green (100%)
- Blue (78%)



- Red (60%)
- Yellow (87%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2057, 82.4158, 66.8202 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 59.2057, 82.4158, 66.8202 by changing the saturation by 10% instead.


 59.2057, 82.4158,
66.8202

 59.2057, 82.4158,
66.8202


411.5456,
503.0375, 467.7886

 43.0257, 61.7083,
48.4778


 102.7895,
136.7569, 116.3009

 30.0999, 44.7971,
33.8428


 130.9240,
171.1594, 148.2764

 20.0629, 31.2976,
22.4965


163.7741,
210.8956, 185.6333

 12.5493, 20.8256,
14.0203

201.7051,
256.3501, 228.7902

 7.1938, 12.9966,
7.9959

245.0825,
307.9071, 278.1657

 3.6310, 7.4262,
4.0046

294.2714,

 1.4956, 3.7300,

365.9510, 334.1782

1.6279

349.6373,
430.8664, 397.2463

■ 0.3228, 1.5237,
0.3106

■ 0.0000, 0.3053,
0.0000

■ 59.2057, 82.4158,
66.8202

■ 59.2057, 82.4158,
66.8202

■ 53.3447, 79.5736,
58.4479

■ 66.2461, 85.8487,
76.0310

■ 48.5907, 77.2853,
50.8859

■ 74.5279, 89.9039,
86.0995

■ 44.8666, 75.5116,
44.1100

■ 84.1111, 94.6118,
97.0491

■ 42.0835, 74.2071,
38.0931

95.0500, 100.0000,
108.9000

■ 40.1361, 73.3182,
32.8064

■ 38.8547, 72.7579,
28.2165

■ 38.8546, 72.7578,
28.2160

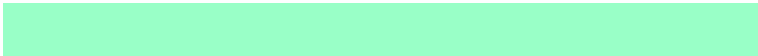
Harmonies

Analogous

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



65.3876, 82.4158, 47.2590



59.2057, 82.4158, 66.8202



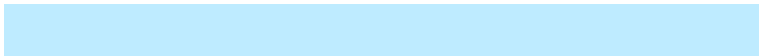
57.8923, 82.4158, 98.1433

Triad

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



59.2057, 82.4158, 66.8202



81.2166, 82.4158, 170.9748



97.8521, 82.4158, 55.8725

Complementary

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



59.2057, 82.4158, 66.8202



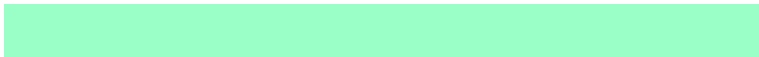
64.1403, 48.6468, 66.3311

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.



103.0963, 82.4158, 81.8246



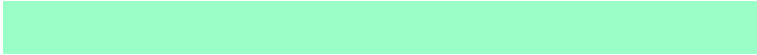
59.2057, 82.4158, 66.8202



92.8850, 82.4158, 152.1553

Square

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



59.2057, 82.4158, 66.8202



69.8592, 82.4158, 164.0510



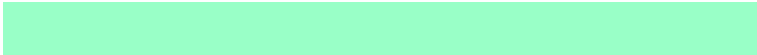
101.1929, 82.4158, 117.3721



87.4673, 82.4158, 42.1367

Rectangle

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



59.2057, 82.4158, 66.8202



59.8204, 82.4158, 122.8788



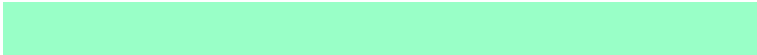
101.1929, 82.4158, 117.3721



100.3198, 82.4158, 63.1640

Sweetspot

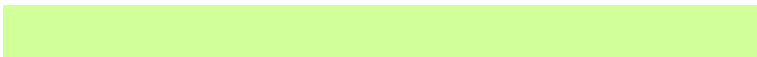
The Sweet Spot groups the original color and five complimentary colors.



59.2064, 82.4162, 66.8216



82.0867, 93.6161, 94.7865



67.8331, 87.3901, 43.4309



17.2933, 19.9017, 19.9762



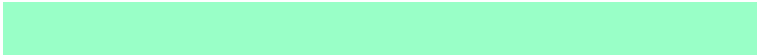
0.0000, 0.0000, 0.0000



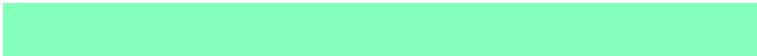
20.3446, 21.4041, 23.3091

Same Dimension

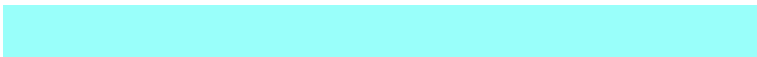
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.2064, 82.4162, 66.8216



54.4255, 80.0963, 60.0561



66.1370, 85.1884, 103.3176



18.1121, 20.3044, 20.8934



20.3752, 38.0467, 15.1272



2.0380, 3.7261, 1.7581

Inverse Universe

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



64.1403, 48.6468, 66.3311



59.9747, 42.0865, 59.4830



58.8120, 46.5155, 38.2727



18.4267, 18.1540, 20.8641



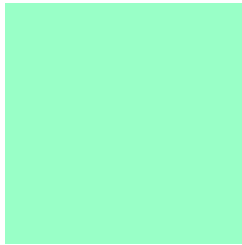
24.0985, 12.1287, 14.4352



2.4015, 1.2030, 1.6957

Previews

White Background



This preview shows how the XYZ color 59.2057, 82.4158, 66.8202 looks on a white background.

Color Contrast Check

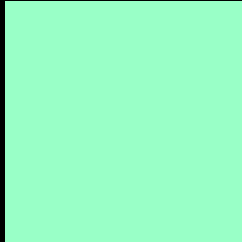
Large Text (above 18pt) WCAG AA × Fail

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 59.2057, 82.4158, 66.8202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

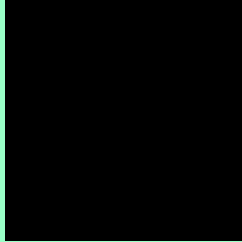
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2057, 82.4158, 66.8202

Background



This preview shows how black text looks on a background with the XYZ color 59.2057, 82.4158, 66.8202.

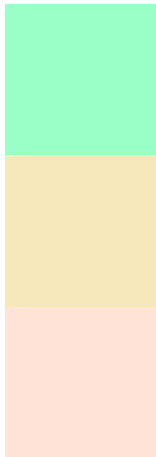


This preview shows how white text looks on a background with the XYZ color 59.2057, 82.4158,

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

59.2057, 82.4158, 66.8202

Protanopia

76.2915, 81.1182, 59.2133

Deuteranopia

80.9748, 81.1045, 75.6769



Tritanopia

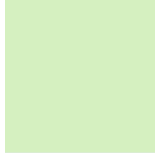
72.0503, 82.1936, 106.6752

Trichromacy



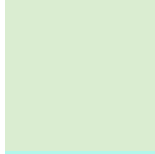
Original Color

59.2057, 82.4158, 66.8202



Protanomaly

68.1151, 80.2721, 61.7732



Deuteranomaly

70.7063, 80.0772, 72.0514



Tritanomaly

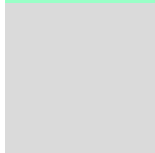
66.8466, 82.1034, 90.9216

Monochromacy



Original Color

59.2057, 82.4158, 66.8202



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

62.5819, 73.3243, 72.4826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2057, 82.4158, 66.8202 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(153, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 199)  
}
```

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(153, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.2057, 82.4158, 66.8202 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(153, 255, 199) }
```


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

```
.border{ border-color:rgb(153, 255, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(153, 255,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2057, 82.4158, 66.8202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 199) }
```

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

```
.background{ background-color: rgb(153,  
255, 199) }
```

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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