

Converting Colors

XYZ(61.8878, 88.0551, 67.8999)

Have a look what the booklet for
XYZ(61.8878, 88.0551, 67.8999)
contains.

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Color

**XYZ(59.0177, 82.3189,
66.8114)**

Conversions

Conversions Part 1

Format	Color
Hex	98FFC7
RGB	152, 255, 199
RGB Percent	60%, 100%, 78%
CMY	0.4039, 0.0000, 0.2196
CMYK	0.40, 0.00, 0.22, 0.00
HSL	147°, 100%, 80%
HSV	147°, 40%, 100%
XYZ	59.0177, 82.3189, 66.8114
YIQ	217.8190, -43.4120, -39.2520

Conversions

Conversions Part 2

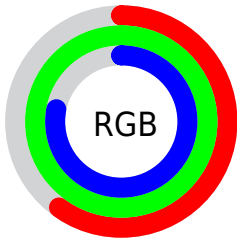
Format	Color
RYB	152, 223, 255
Decimal	10026951
CIELab	92.72, -42.04, 17.49
CIELCh	93, 45.529, 157.412
Yxy	82.3189, 0.2835, 0.3955
Android (android.graphics.Color)	4288217031 (0xFF98FFC7)
YUV	217.8190, -9.2778, -57.7233
Hunter-Lab	90.7298, -42.6668, 19.8510

Details

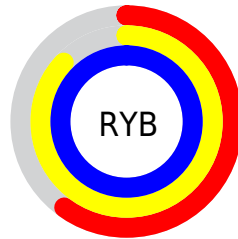
The XYZ color **59.0177, 82.3189, 66.8114** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **63.8538, 48.2713, 65.6265**, and the grayscale version is **66.5991, 70.0674, 76.3034**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **30.0242, 44.8654, 33.8655** is the 20% darker color. If you saturate the color by 10%, you get **53.2100, 79.5025, 58.5166**, and if you desaturate by 10%, it is **65.9994, 85.7235, 75.9294**.

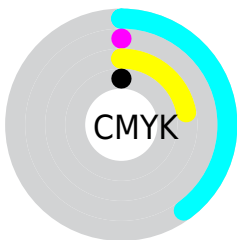
Distribution



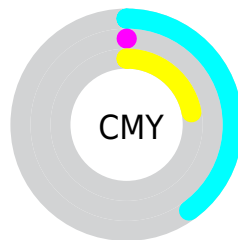
- Red (60%)
- Green (100%)
- Blue (78%)



- 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 59.0177, 82.3189, 66.8114 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 59.0177, 82.3189, 66.8114 by changing the saturation by 10% instead.


 59.0177, 82.3189,
66.8114


 59.0177, 82.3189,
66.8114


410.8605,
502.7138, 467.7564

 42.8738, 61.6284,
48.4707


 102.5179,
136.6211, 116.2882

 29.9802, 44.7325,
33.8372


 130.6048,
171.0017, 148.2614

 19.9716, 31.2468,
22.4922


163.4035,
210.7143, 185.6159

 12.4825, 20.7869,
14.0172

201.2793,
256.1436, 228.7702

 7.1477, 12.9683,
7.9938

244.5976,
307.6737, 278.1429

 3.6018, 7.4067,
4.0032

293.7236,

 1.4794, 3.7177,

365.6892, 334.1524

1.6271

349.0228,
430.5744, 397.2174

■ 0.3118, 1.5170,
0.3101

■ 0.0000, 0.3006,
0.0000

■ 59.0177, 82.3189,
66.8114

■ 59.0177, 82.3189,
66.8114

■ 53.2100, 79.5025,
58.5166

■ 65.9994, 85.7235,
75.9294

■ 48.5040, 77.2376,
51.0173

■ 74.2171, 89.7480,
85.8892

■ 44.8220, 75.4846,
44.2900

■ 83.7311, 94.4229,
96.7136

■ 42.0750, 74.1980,
38.3083

94.5967, 99.7764,
108.4236

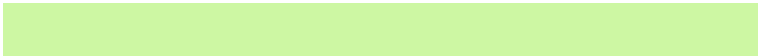
■ 40.1567, 73.3236, 95.0500, 100.0000,
33.0440 108.9000

■ 38.9334, 72.7894,
28.6312

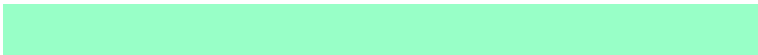
Harmonies

Analogous

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



65.1880, 82.3189, 47.1181



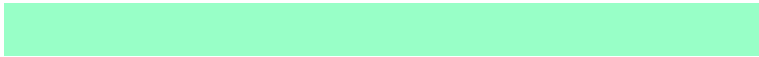
59.0177, 82.3189, 66.8114



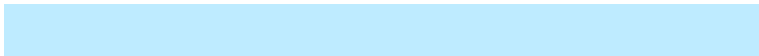
57.7353, 82.3189, 98.3233

Triad

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



59.0177, 82.3189, 66.8114



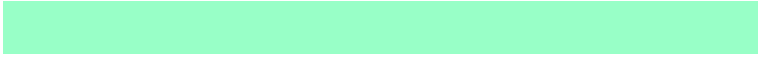
81.2205, 82.3189, 171.2532



97.7901, 82.3189, 55.5182

Complementary

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



59.0177, 82.3189, 66.8114



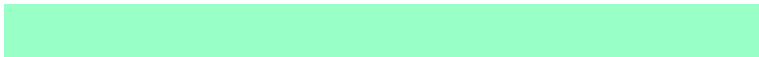
63.8538, 48.2713, 65.6265

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.



103.1059, 82.3189, 81.4673



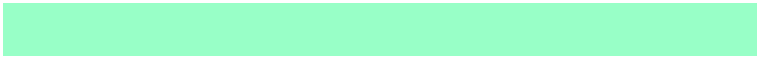
59.0177, 82.3189, 66.8114



92.9310, 82.3189, 152.1627

Square

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



59.0177, 82.3189, 66.8114



69.8046, 82.3189, 164.4702



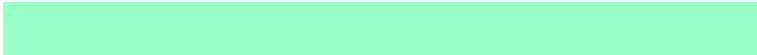
101.2434, 82.3189, 117.1326



87.3326, 82.3189, 41.8406

Rectangle

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



59.0177, 82.3189, 66.8114



59.6924, 82.3189, 123.1884



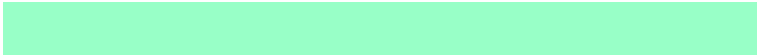
101.2434, 82.3189, 117.1326



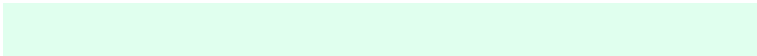
100.2833, 82.3189, 62.7992

Sweetspot

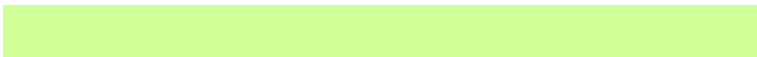
The Sweet Spot groups the original color and five complimentary colors.



59.0184, 82.3193, 66.8128



82.1107, 93.6257, 94.9130



67.6236, 87.2915, 42.9916



17.2989, 19.9040, 20.0059



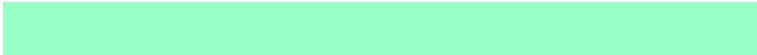
0.0000, 0.0000, 0.0000



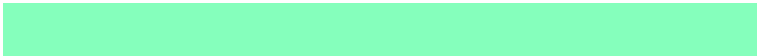
20.3446, 21.4041, 23.3091

Same Dimension

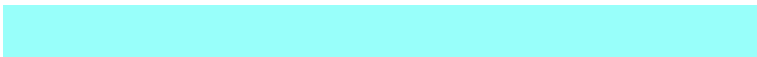
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.0184, 82.3193, 66.8128



54.4959, 80.1245, 60.4270



65.9412, 85.0884, 103.2675



18.1163, 20.3060, 20.9152



20.4168, 38.0633, 15.3459



2.0422, 3.7278, 1.7802

Inverse Universe

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



63.8538, 48.2713, 65.6265



59.8987, 42.0561, 59.0827



58.5675, 46.1568, 37.7888



18.4225, 18.1523, 20.8420



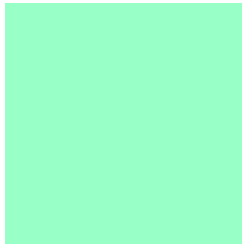
24.0464, 12.1079, 14.1608



2.3965, 1.2010, 1.6692

Previews

White Background



This preview shows how the XYZ color 59.0177, 82.3189, 66.8114 looks on a white background.

Color Contrast Check

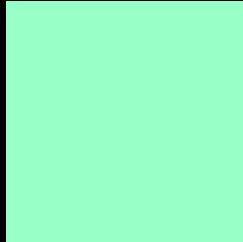
Large Text (above 18pt) WCAG AA × Fail

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 59.0177, 82.3189, 66.8114 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 59.0177, 82.3189, 66.8114

Background



This preview shows how black text looks on a background with the XYZ color 59.0177, 82.3189, 66.8114.

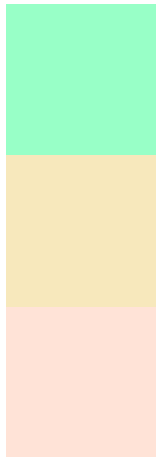


This preview shows how white text looks on a background with the XYZ color 59.0177, 82.3189,

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

59.0177, 82.3189, 66.8114

Protanopia

76.2915, 81.1182, 59.2133

Deuteranopia

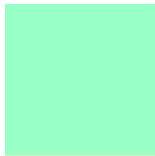
80.9748, 81.1045, 75.6769



Tritanopia

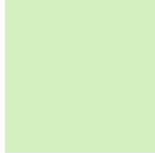
71.7944, 82.0617, 106.6633

Trichromacy



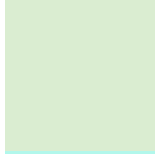
Original Color

59.0177, 82.3189, 66.8114



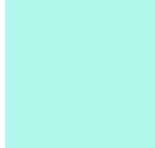
Protanomaly

67.8259, 80.1230, 61.7597



Deuteranomaly

70.7063, 80.0772, 72.0514



Tritanomaly

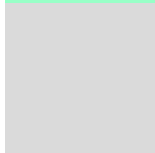
66.6163, 81.9847, 90.9108

Monochromacy



Original Color

59.0177, 82.3189, 66.8114



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 59.0177, 82.3189, 66.8114 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(152, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(152, 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(152, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 255, 199) }
```

Border

The CSS property to change the border of an element to XYZ 59.0177, 82.3189, 66.8114 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(152, 255, 199) }
```


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

```
.border{ border-color:rgb(152, 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(152, 255, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(152, 255,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0177, 82.3189, 66.8114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 255, 199) }
```

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

```
.background{ background-color: rgb(152,  
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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