

Converting Colors

XYZ(58.2623, 82.0947, 59.3131)

Have a look what the booklet for
XYZ(58.2623, 82.0947, 59.3131)
contains.

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Color

**XYZ(58.3332, 82.1331,
59.2332)**

Conversions

Conversions Part 1

Format	Color
Hex	9CFFBA
RGB	156, 255, 186
RGB Percent	61%, 100%, 73%
CMY	0.3882, 0.0000, 0.2706
CMYK	0.39, 0.00, 0.27, 0.00
HSL	138°, 100%, 81%
HSV	138°, 39%, 100%
XYZ	58.3332, 82.1331, 59.2332
YIQ	217.5330, -36.8550, -42.4470

Conversions

Conversions Part 2

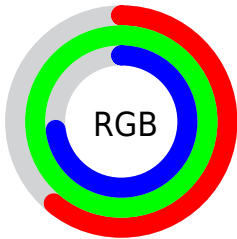
Format	Color
RYB	156, 232, 255
Decimal	10289082
CIELab	92.63, -43.34, 24.03
CIELCh	93, 49.556, 150.991
Yxy	82.1331, 0.2921, 0.4113
Android (android.graphics.Color)	4288479162 (0xFF9CFFBA)
YUV	217.5330, -15.5458, -53.9644
Hunter-Lab	90.6273, -43.7044, 24.6877

Details

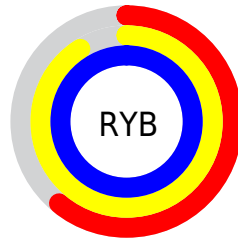
The XYZ color **58.3332, 82.1331, 59.2332** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **66.7192, 50.4737, 77.4595**, and the grayscale version is **66.4405, 69.9006, 76.1218**.

A 20% lighter version of the original color is **79.5186, 92.2269, 97.6149**, and **29.6833, 44.7909, 29.2713** is the 20% darker color. If you saturate the color by 10%, you get **52.1324, 79.1413, 49.6864**, and if you desaturate by 10%, it is **65.8060, 85.7533, 70.0689**.

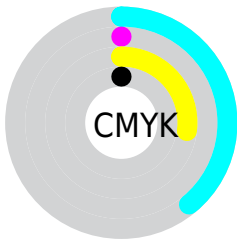
Distribution



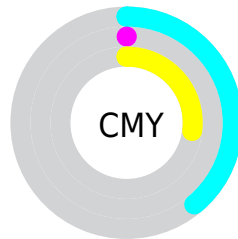
- Red (61%)
- Green (100%)
- Blue (73%)



- Red (61%)
- Yellow (91%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3332, 82.1331, 59.2332 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 58.3332, 82.1331, 59.2332 by changing the saturation by 10% instead.


 58.3332, 82.1331,
59.2332


 58.3332, 82.1331,
59.2332


408.3602,
502.0928, 439.4915

 42.3209, 61.4753,
42.3796


 101.5281,
136.3606, 105.2490

 29.5448, 44.6088,
29.0709


 129.4414,
170.6991, 135.2483

 19.6397, 31.1494,
18.8884


162.0524,
210.3666, 170.4665

 12.2402, 20.7127,
11.4137

199.7264,
255.7475, 211.3223

 6.9808, 12.9141,
6.2281

242.8289,
307.2261, 258.2342

 3.4963, 7.3694,
2.9133


291.7251,


 1.4213, 3.6942,


365.1870, 311.6206


1.0505


346.7804,
430.0144, 371.9002


 0.2714, 1.5040,
0.0000


 0.0000, 0.2916,
0.0000


 58.3332, 82.1331,
59.2332


 58.3332, 82.1331,
59.2332


 52.1324, 79.1413,
49.6864


 65.8060, 85.7533,
70.0689

 47.1278, 76.7401,
41.3762

 74.6168, 90.0353,
82.2353

 43.2382, 74.8886,
34.2525

 84.8290, 95.0108,
95.7771

 40.3709, 73.5401,
28.2603

95.0500, 100.0000,
108.9000

■ 38.4169, 72.6397,
23.3397

■ 37.2223, 72.1093,
19.4242

■ 37.1093, 72.0597,
19.0255

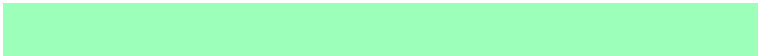
Harmonies

Analogous

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



65.9856, 82.1331, 41.3361



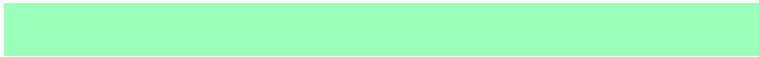
58.3332, 82.1331, 59.2332



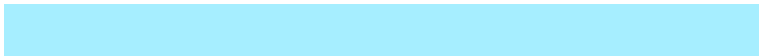
55.8129, 82.1331, 90.6623

Triad

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



58.3332, 82.1331, 59.2332



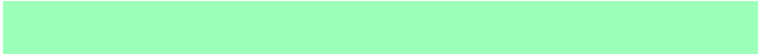
78.4945, 82.1331, 180.8344



101.2986, 82.1331, 57.6321

Complementary

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



58.3332, 82.1331, 59.2332



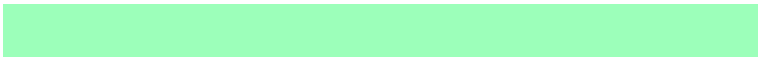
66.7192, 50.4737, 77.4595

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.



105.5620, 82.1331, 88.2069



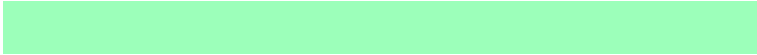
58.3332, 82.1331, 59.2332



91.5354, 82.1331, 165.1259

Square

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



58.3332, 82.1331, 59.2332



66.6516, 82.1331, 166.9805



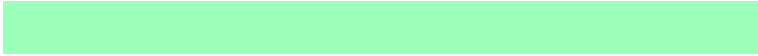
101.8094, 82.1331, 128.4586



90.7123, 82.1331, 40.6065

Rectangle

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



58.3332, 82.1331, 59.2332



57.1354, 82.1331, 117.3434



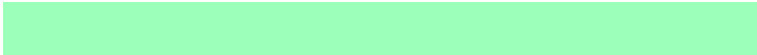
101.8094, 82.1331, 128.4586



103.5678, 82.1331, 66.3348

Sweetspot

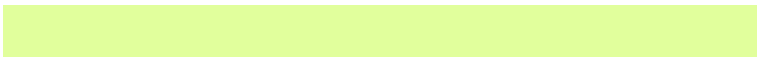
The Sweet Spot groups the original color and five complimentary colors.



58.3338, 82.1333, 59.2345



81.4290, 93.3530, 91.3231



72.9060, 89.9762, 44.9778



17.1390, 19.8400, 19.1637



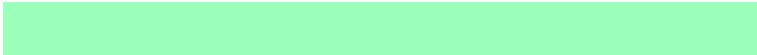
0.0000, 0.0000, 0.0000



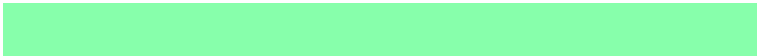
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3338, 82.1333, 59.2345



53.1714, 79.6416, 51.3332



64.4950, 84.5978, 91.6789



17.9981, 20.2588, 20.2931



19.4480, 37.6758, 10.2444



1.9396, 3.6868, 1.2399

Inverse Universe

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



66.7192, 50.4737, 77.4595



62.6690, 43.7275, 71.9346



60.9455, 48.1642, 47.0557



18.5444, 18.2011, 21.4841



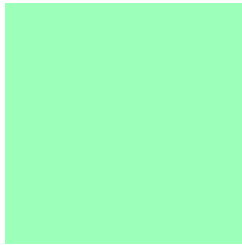
25.8027, 12.8104, 23.4093



2.5609, 1.2667, 2.5351

Previews

White Background



This preview shows how the XYZ color 58.3332, 82.1331, 59.2332 looks on a white background.

Color Contrast Check

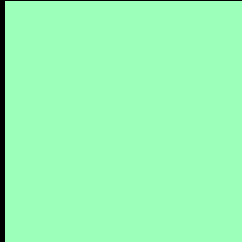
Large Text (above 18pt) WCAG AA × Fail

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 58.3332, 82.1331, 59.2332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

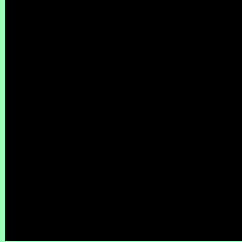
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3332, 82.1331, 59.2332

Background



This preview shows how black text looks on a background with the XYZ color 58.3332, 82.1331, 59.2332.



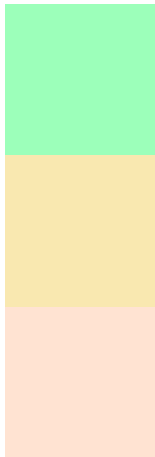
This preview shows how white text looks on a background with the XYZ color 58.3332, 82.1331,

59.2332.

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

58.3332, 82.1331, 59.2332

Protanopia

75.7600, 80.9876, 52.7135

Deuteranopia

80.3419, 80.8513, 72.3442



Tritanopia

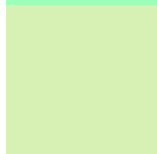
71.7534, 81.5999, 106.5763

Trichromacy



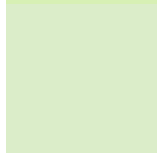
Original Color

58.3332, 82.1331, 59.2332



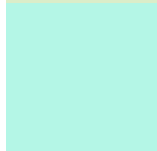
Protanomaly

67.4226, 80.0625, 55.0801



Deuteranomaly

70.0402, 79.8455, 66.9785



Tritanomaly

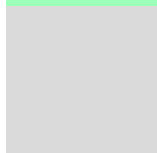
66.0611, 81.3280, 87.0790

Monochromacy



Original Color

58.3332, 82.1331, 59.2332



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

62.2222, 73.2102, 69.2440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3332, 82.1331, 59.2332 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(156, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(156, 255, 186)  
}
```

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(156, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 255, 186) }
```

Border

The CSS property to change the border of an element to XYZ 58.3332, 82.1331, 59.2332 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(156, 255, 186) }
```


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

```
.border{ border-color:rgb(156, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(156, 255,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3332, 82.1331, 59.2332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 255, 186) }
```

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

```
.background{ background-color: rgb(156,  
255, 186) }
```

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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