

Converting Colors

XYZ(86.1296, 134.5181,
68.0011)

Have a look what the booklet for
XYZ(86.1296, 134.5181, 68.0011)
contains.

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Color

**XYZ(60.5593, 83.2807,
59.3373)**

Conversions

Conversions Part 1

Format	Color
Hex	A7FFBA
RGB	167, 255, 186
RGB Percent	65%, 100%, 73%
CMY	0.3451, 0.0000, 0.2706
CMYK	0.35, 0.00, 0.27, 0.00
HSL	133°, 100%, 83%
HSV	133°, 35%, 100%
XYZ	60.5593, 83.2807, 59.3373
YIQ	220.8220, -30.2990, -40.1150

Conversions

Conversions Part 2

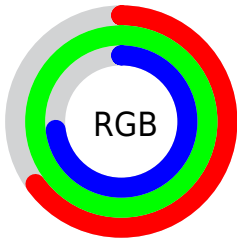
Format	Color
RYB	167, 239, 255
Decimal	11009978
CIELab	93.14, -40.17, 24.81
CIElCh	93, 47.213, 148.306
Yxy	83.2807, 0.2981, 0.4099
Android (android.graphics.Color)	4289200058 (0xFFA7FFBA)
YUV	220.8220, -17.1672, -47.2019
Hunter-Lab	91.2583, -41.2487, 25.3297

Details

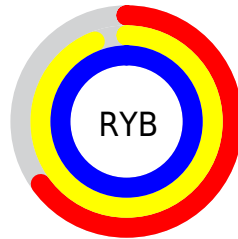
The XYZ color **60.5593, 83.2807, 59.3373** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **70.1993, 54.9541, 86.2637**, and the grayscale version is **68.7339, 72.3134, 78.7493**.

A 20% lighter version of the original color is **82.5275, 93.7781, 97.7557**, and **31.1098, 45.5264, 29.3381** is the 20% darker color. If you saturate the color by 10%, you get **53.7137, 79.9803, 48.6871**, and if you desaturate by 10%, it is **68.7656, 87.2481, 71.6064**.

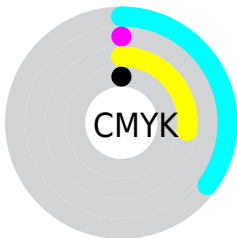
Distribution



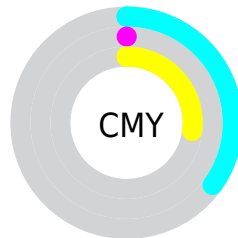
- Red (65%)
- Green (100%)
- Blue (73%)



- Red (65%)
- Yellow (94%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)




- Cyan (35%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5593, 83.2807, 59.3373 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 60.5593, 83.2807, 59.3373 by changing the saturation by 10% instead.


 60.5593, 83.2807,
59.3373

 60.5593, 83.2807,
59.3373


416.4581,
505.9215, 439.8874

 44.1208, 62.4217,
42.4629


 104.7423,
137.9685, 105.4017

 30.9638, 45.3736,
29.1357


133.2175,
172.5662, 135.4287

 20.7230, 31.7518,
18.9370


166.4357,
212.5122, 170.6771

 13.0330, 21.1720,
11.4484

204.7621,
258.1910, 211.5653

 7.5284, 13.2498,
6.2513

248.5622,
309.9869, 258.5119

 3.8439, 7.6008,
2.9273

298.2014,

 1.6142, 3.8406,

368.2844, 311.9354

1.0576

354.0448,
433.4678, 372.2544

0.4017, 1.5848,
0.0000

0.0000, 0.3473,
0.0000

60.5593, 83.2807,
59.3373

60.5593, 83.2807,
59.3373

53.7137, 79.9803,
48.6871

68.7656, 87.2481,
71.6064

48.1521, 77.3089,
39.5841

78.4001, 91.9161,
85.5540

43.7926, 75.2258,
31.9574

89.5277, 97.3169,
101.2416

40.5430, 73.6850,
25.7286

95.0500, 100.0000,
108.9000

■ 38.2968, 72.6336,
20.8121

■ 36.9256, 72.0072,
17.1127

■ 36.4510, 71.7964,
15.5589

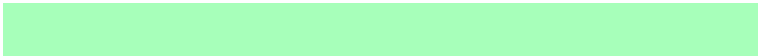
Harmonies

Analogous

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



68.3838, 83.2807, 42.8814



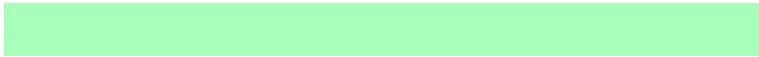
60.5593, 83.2807, 59.3373



57.6429, 83.2807, 88.6758

Triad

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



60.5593, 83.2807, 59.3373



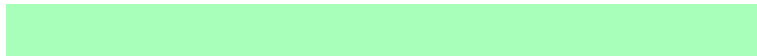
78.4534, 83.2807, 177.4474



102.0481, 83.2807, 62.0105

Complementary

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



60.5593, 83.2807, 59.3373



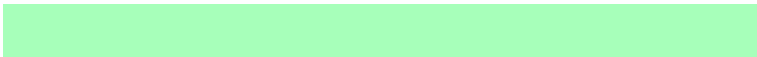
70.1993, 54.9541, 86.2637

Split Complementary

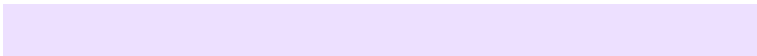
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



105.4485, 83.2807, 92.7112



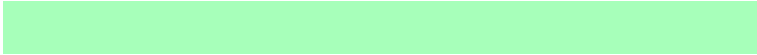
60.5593, 83.2807, 59.3373



91.0035, 83.2807, 165.0267

Square

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



60.5593, 83.2807, 59.3373



67.2829, 83.2807, 162.0374



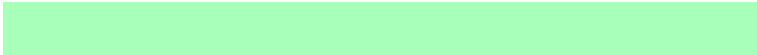
101.2158, 83.2807, 131.4744



92.3492, 83.2807, 44.1178

Rectangle

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



60.5593, 83.2807, 59.3373



58.6162, 83.2807, 113.8515



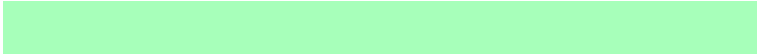
101.2158, 83.2807, 131.4744



104.0075, 83.2807, 70.8847

Sweetspot

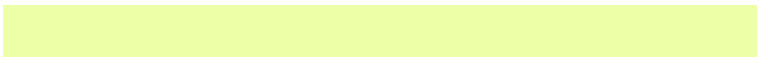
The Sweet Spot groups the original color and five complimentary colors.



60.5599, 83.2809, 59.3386



83.2291, 94.2589, 92.4089



77.7941, 92.3836, 50.2917



17.4853, 20.0155, 19.3138



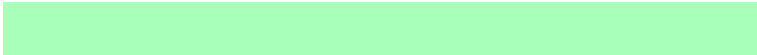
0.0000, 0.0000, 0.0000



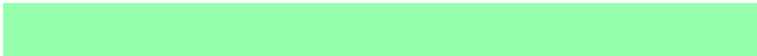
20.3446, 21.4041, 23.3091

Same Dimension

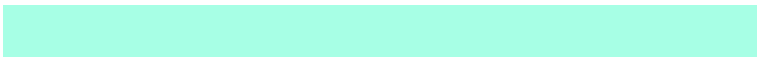
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.5599, 83.2809, 59.3386



55.9658, 81.0649, 52.2449



65.7838, 85.3705, 86.8476



17.9321, 20.2324, 19.9452



19.0908, 37.5329, 8.3633



1.8970, 3.6697, 1.0155

Inverse Universe

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



70.1993, 54.9541, 86.2637



66.8443, 49.0670, 82.6091



64.7295, 52.7662, 57.4603



18.6148, 18.2293, 21.8549



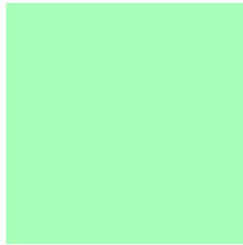
27.0502, 13.3094, 29.9786



2.6735, 1.3118, 3.1282

Previews

White Background



This preview shows how the XYZ color 60.5593, 83.2807, 59.3373 looks on a white background.

Color Contrast Check

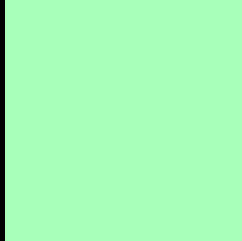
Large Text (above 18pt) WCAG AA × Fail

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 60.5593, 83.2807, 59.3373 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 60.5593, 83.2807, 59.3373

Background



This preview shows how black text looks on a background with the XYZ color 60.5593, 83.2807, 59.3373.



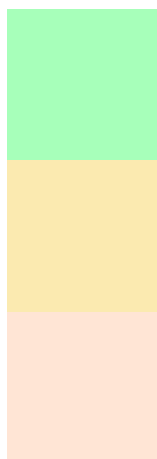
This preview shows how white text looks on a background with the XYZ color 60.5593, 83.2807,

59.3373.

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

60.5593, 83.2807, 59.3373

Protanopia

77.0430, 82.4895, 52.9358

Deuteranopia

81.2696, 82.1027, 74.5148



Tritanopia

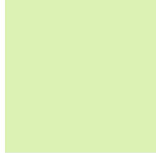
73.5927, 82.5481, 106.6624

Trichromacy



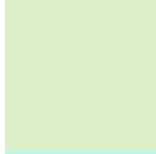
Original Color

60.5593, 83.2807, 59.3373



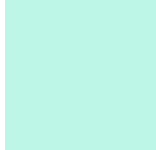
Protanomaly

69.5055, 82.0152, 55.3472



Deuteranomaly

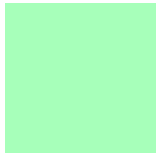
71.7855, 81.1488, 68.3797



Tritanomaly

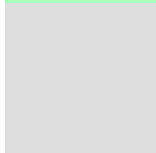
68.2250, 82.4435, 87.1803

Monochromacy



Original Color

60.5593, 83.2807, 59.3373



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

64.6115, 75.2494, 70.7937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5593, 83.2807, 59.3373 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(167, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 255, 186) }
```

Border

The CSS property to change the border of an element to XYZ 60.5593, 83.2807, 59.3373 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(167, 255, 186) }
```


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

```
.border{ border-color:rgb(167, 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(167, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(167, 255,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5593, 83.2807, 59.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 255, 186) }
```

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

```
.background{ background-color: rgb(167,  
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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