

Converting Colors

XYZ(61.8894, 83.8127, 66.3416)

Have a look what the booklet for
XYZ(61.8894, 83.8127, 66.3416)
contains.

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Color

**XYZ(61.8894, 83.8127,
66.3416)**

Conversions

Conversions Part 1

Format	Color
Hex	A7FFC6
RGB	167, 255, 198
RGB Percent	65%, 100%, 78%
CMY	0.3451, 0.0000, 0.2235
CMYK	0.35, 0.00, 0.22, 0.00
HSL	141°, 100%, 83%
HSV	141°, 35%, 100%
XYZ	61.8894, 83.8127, 66.3416
YIQ	222.1900, -34.1510, -36.3830

Conversions

Conversions Part 2

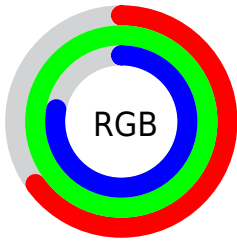
Format	Color
RYB	167, 232, 255
Decimal	11009990
CIELab	93.37, -38.04, 19.01
CIELCh	93, 42.532, 153.444
Yxy	83.8127, 0.2919, 0.3953
Android (android.graphics.Color)	4289200070 (0xFFA7FFC6)
YUV	222.1900, -11.9257, -48.4016
Hunter-Lab	91.5493, -39.5412, 21.1197

Details

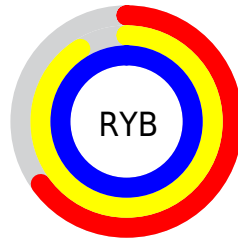
The XYZ color **61.8894, 83.8127, 66.3416** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **68.5136, 54.2800, 77.3870**, and the grayscale version is **69.6641, 73.2921, 79.8150**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **31.9102, 45.8465, 33.5530** is the 20% darker color. If you saturate the color by 10%, you get **55.2205, 80.5830, 56.6213**, and if you desaturate by 10%, it is **69.8296, 87.6737, 77.2087**.

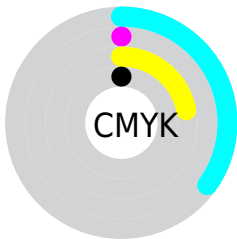
Distribution



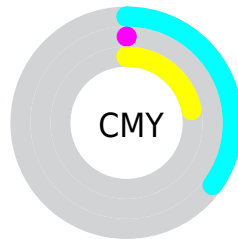
- Red (65%)
- Green (100%)
- Blue (78%)



- Red (65%)
- Yellow (91%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (35%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8894, 83.8127, 66.3416 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 61.8894, 83.8127, 66.3416 by changing the saturation by 10% instead.


 61.8894, 83.8127,
66.3416

 61.8894, 83.8127,
66.3416


421.2515,
507.6911, 466.0351

 45.1986, 62.8608,
48.0915


 106.6565,
138.7131, 115.6082

 31.8158, 45.7286,
33.5389


135.4635,
173.4305, 147.4617

 21.3757, 32.0317,
22.2651


169.0400,
213.5051, 184.6869

 13.5129, 21.3857,
13.8516

207.7513,
259.3214, 227.7021

 7.8621, 13.4062,
7.8800

251.9627,
311.2637, 276.9260

 4.0579, 7.7089,
3.9316


302.0397,


 1.7350, 3.9092,


369.7165, 332.7771


1.5879


358.3475,
435.0642, 395.6740


 0.4780, 1.6229,
0.2821


 0.0000, 0.3730,
0.0000


 61.8894, 83.8127,
66.3416


 61.8894, 83.8127,
66.3416


 55.2205, 80.5830,
56.6213


 69.8296, 87.6737,
77.2087

 49.7514, 77.9486,
48.0057

 79.1029, 92.1973,
89.2545

 45.4066, 75.8714,
40.4563

 89.7696, 97.4137,
102.5148

 42.1005, 74.3080,
33.9304

95.0500, 100.0000,
108.9000

■ 39.7345, 73.2087,
28.3826

■ 38.1885, 72.5123,
23.7632

■ 37.5983, 72.2553,
21.6004

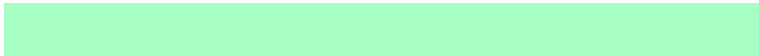
Harmonies

Analogous

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



68.3595, 83.8127, 48.8212



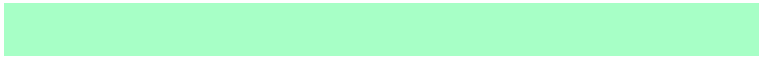
61.8894, 83.8127, 66.3416



60.0191, 83.8127, 95.0183

Triad

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



61.8894, 83.8127, 66.3416



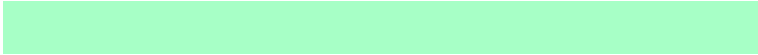
80.9639, 83.8127, 167.8155



99.0411, 83.8127, 61.2807

Complementary

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



61.8894, 83.8127, 66.3416



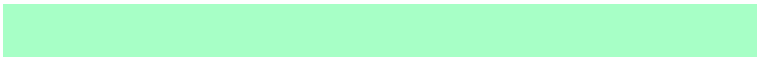
68.5136, 54.2800, 77.3870

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.



103.1803, 83.8127, 87.5978



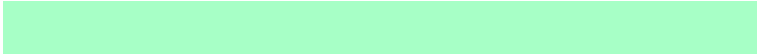
61.8894, 83.8127, 66.3416



92.1452, 83.8127, 153.0891

Square

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



61.8894, 83.8127, 66.3416



70.4057, 83.8127, 158.3870



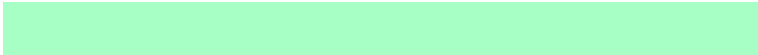
100.5465, 83.8127, 121.7414



89.6948, 83.8127, 46.4169

Rectangle

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



61.8894, 83.8127, 66.3416



61.4722, 83.8127, 118.0963



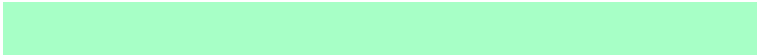
100.5465, 83.8127, 121.7414



101.1254, 83.8127, 68.8286

Sweetspot

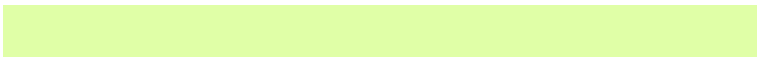
The Sweet Spot groups the original color and five complimentary colors.



61.8901, 83.8130, 66.3430



83.7366, 94.4619, 95.0812



73.5380, 90.1895, 50.0927



17.6074, 20.0644, 19.9569



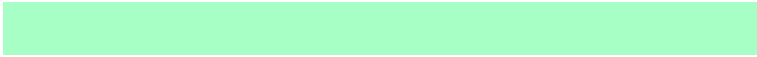
0.0000, 0.0000, 0.0000



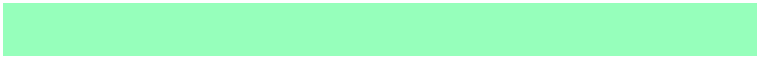
20.3446, 21.4041, 23.3091

Same Dimension

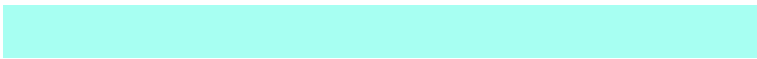
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.8901, 83.8130, 66.3430



57.4204, 81.6467, 59.9047



67.6938, 86.1345, 96.9050



18.0358, 20.2739, 20.4916



19.7097, 37.7805, 11.6228



1.9686, 3.6984, 1.3925

Inverse Universe

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



68.5136, 54.2800, 77.3870



64.8953, 48.2874, 72.3457



63.3179, 52.2017, 50.0266



18.5050, 18.1853, 21.2764



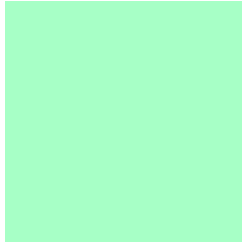
25.1790, 12.5609, 20.1251



2.5035, 1.2438, 2.2328

Previews

White Background



This preview shows how the XYZ color 61.8894, 83.8127, 66.3416 looks on a white background.

Color Contrast Check

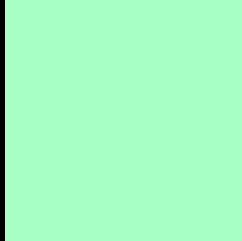
Large Text (above 18pt) WCAG AA × Fail

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 61.8894, 83.8127, 66.3416 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 61.8894, 83.8127, 66.3416

Background



This preview shows how black text looks on a background with the XYZ color 61.8894, 83.8127, 66.3416.

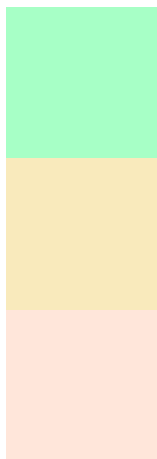


This preview shows how white text looks on a background with the XYZ color 61.8894, 83.8127,

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

61.8894, 83.8127, 66.3416

Protanopia

77.5668, 82.6162, 59.4353

Deuteranopia

82.1917, 82.9156, 78.0020



Tritanopia

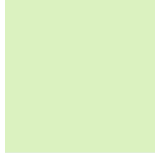
74.4307, 83.4208, 106.7866

Trichromacy



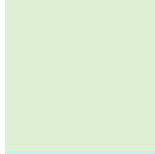
Original Color

61.8894, 83.8127, 66.3416



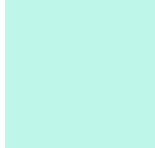
Protanomaly

70.4800, 82.3701, 62.0535



Deuteranomaly

73.0558, 82.1241, 73.6291



Tritanomaly

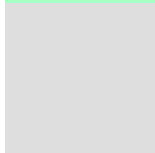
69.3473, 83.4092, 90.2865

Monochromacy



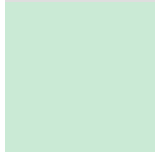
Original Color

61.8894, 83.8127, 66.3416



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.7902, 76.2063, 74.1926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8894, 83.8127, 66.3416 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(167, 255, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 255, 198) }
```

Border

The CSS property to change the border of an element to XYZ 61.8894, 83.8127, 66.3416 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, 198) }
```


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

```
.border{ border-color:rgb(167, 255, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(167, 255,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8894, 83.8127, 66.3416 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, 198) }
```

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

```
.background{ background-color: rgb(167,  
255, 198) }
```

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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