

Converting Colors

XYZ(69.9321, 100.0000,
66.5675)

Have a look what the booklet for
XYZ(69.9321, 100.0000, 66.5675)
contains.

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Color

**XYZ(61.8598, 83.8501,
63.9633)**

Conversions

Conversions Part 1

Format	Color
Hex	A9FFC2
RGB	169, 255, 194
RGB Percent	66%, 100%, 76%
CMY	0.3372, 0.0000, 0.2392
CMYK	0.34, 0.00, 0.24, 0.00
HSL	137°, 100%, 83%
HSV	137°, 34%, 100%
XYZ	61.8598, 83.8501, 63.9633
YIQ	222.3320, -31.6750, -37.2030

Conversions

Conversions Part 2

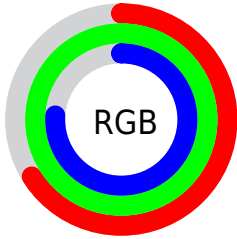
Format	Color
RYB	169, 236, 255
Decimal	11141058
CIELab	93.39, -38.18, 21.09
CIELCh	93, 43.623, 151.083
Yxy	83.8501, 0.2950, 0.3999
Android (android.graphics.Color)	4289331138 (0xFFA9FFC2)
YUV	222.3320, -13.9677, -46.7722
Hunter-Lab	91.5697, -39.6615, 22.6835

Details

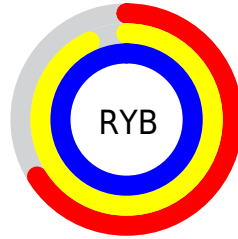
The XYZ color **61.8598, 83.8501, 63.9633** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **69.7111, 55.3497, 81.8718**, and the grayscale version is **69.7773, 73.4111, 79.9447**.

A 20% lighter version of the original color is **84.5366, 94.6538, 105.0812**, and **31.8671, 45.8590, 31.9830** is the 20% darker color. If you saturate the color by 10%, you get **55.0028, 80.5358, 53.6764**, and if you desaturate by 10%, it is **70.0320, 87.8138, 75.6050**.

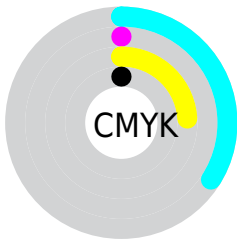
Distribution



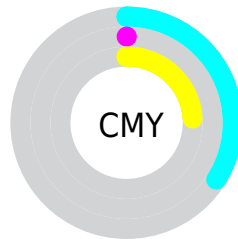
- Red (66%)
- Green (100%)
- Blue (76%)



- Red (66%)
- Yellow (93%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (34%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8598, 83.8501, 63.9633 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 61.8598, 83.8501, 63.9633 by changing the saturation by 10% instead.


 61.8598, 83.8501,
63.9633

 61.8598, 83.8501,
63.9633

421.1452,
507.8153, 457.2609

 45.1746, 62.8917,
46.1750


 106.6140,
138.7655, 112.1570

 31.7968, 45.7536,
32.0342


135.4136,
173.4912, 143.3995

 21.3612, 32.0514,
21.1226


168.9822,
213.5749, 179.9638

 13.5022, 21.4008,
13.0215

207.6849,
259.4008, 222.2684

 7.8546, 13.4173,
7.3125

251.8872,
311.3534, 270.7319

 4.0531, 7.7165,
3.5769

301.9545,

 1.7322, 3.9141,

369.8171, 325.7727

1.3962

358.2520,
435.1763, 387.8096

■ 0.4763, 1.6256,
0.1388

■ 0.0000, 0.3748,
0.0000

■ 61.8598, 83.8501,
63.9633

■ 61.8598, 83.8501,
63.9633

■ 55.0028, 80.5358,
53.6764

■ 70.0320, 87.8138,
75.6050

■ 49.3882, 77.8344,
44.6909

■ 79.5834, 92.4590,
88.6445

■ 44.9385, 75.7071,
36.9556

■ 90.5756, 97.8165,
103.1276

■ 41.5663, 74.1099,
30.4143

95.0500, 100.0000,
108.9000

■ 39.1714, 72.9925,
25.0063

■ 37.6326, 72.2937,
20.6655

■ 37.0005, 72.0162,
18.4522

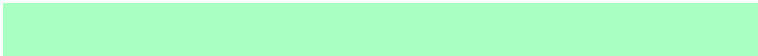
Harmonies

Analogous

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



68.8132, 83.8501, 47.0800



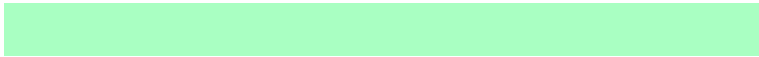
61.8598, 83.8501, 63.9633



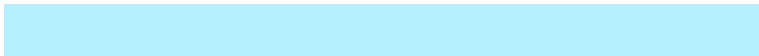
59.5628, 83.8501, 92.5013

Triad

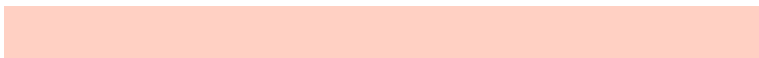
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.8598, 83.8501, 63.9633



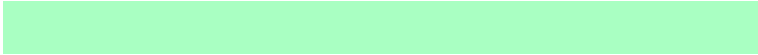
80.1159, 83.8501, 170.4178



100.1826, 83.8501, 62.3410

Complementary

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



61.8598, 83.8501, 63.9633



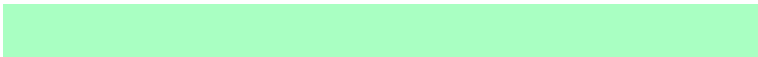
69.7111, 55.3497, 81.8718

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.



103.9231, 83.8501, 90.1062



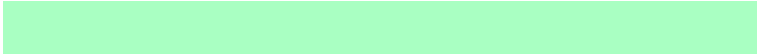
61.8598, 83.8501, 63.9633



91.6719, 83.8501, 157.0127

Square

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



61.8598, 83.8501, 63.9633



69.4720, 83.8501, 158.7379



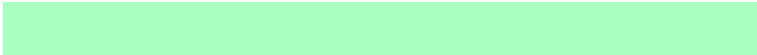
100.6705, 83.8501, 125.4861



90.8791, 83.8501, 46.3141

Rectangle

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



61.8598, 83.8501, 63.9633



60.7873, 83.8501, 116.0367



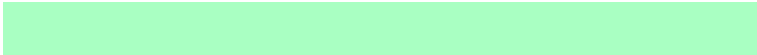
100.6705, 83.8501, 125.4861



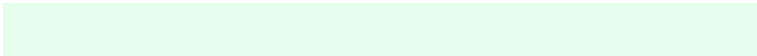
102.1703, 83.8501, 70.3527

Sweetspot

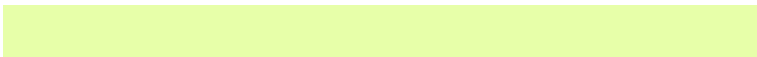
The Sweet Spot groups the original color and five complimentary colors.



61.8604, 83.8503, 63.9646



83.5063, 94.3697, 93.8682



75.7585, 91.3127, 51.1692



17.5519, 20.0422, 19.6647



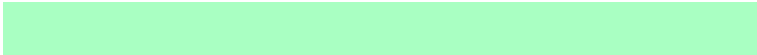
0.0000, 0.0000, 0.0000



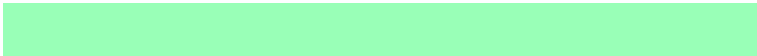
20.3446, 21.4041, 23.3091

Same Dimension

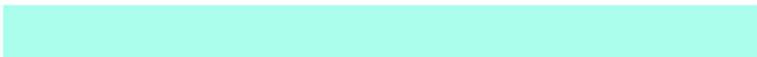
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.8604, 83.8503, 63.9646



57.4080, 81.6967, 57.3537



67.3163, 86.0327, 92.6948



17.9887, 20.2550, 20.2436



19.3894, 37.6524, 9.9358



1.9329, 3.6841, 1.2046

Inverse Universe

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



69.7111, 55.3497, 81.8718



66.2693, 49.4977, 77.5442



64.4660, 53.2517, 54.2516



18.5544, 18.2051, 21.5364



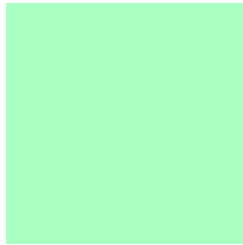
25.9680, 12.8765, 24.2797



2.5760, 1.2728, 2.6145

Previews

White Background



This preview shows how the XYZ color 61.8598, 83.8501, 63.9633 looks on a white background.

Color Contrast Check

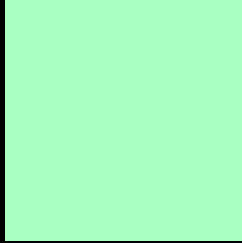
Large Text (above 18pt) WCAG AA × Fail

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 61.8598, 83.8501, 63.9633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

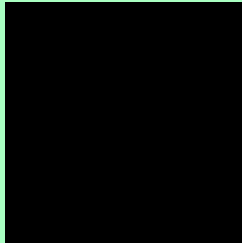
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8598, 83.8501, 63.9633

Background



This preview shows how black text looks on a background with the XYZ color 61.8598, 83.8501, 63.9633.



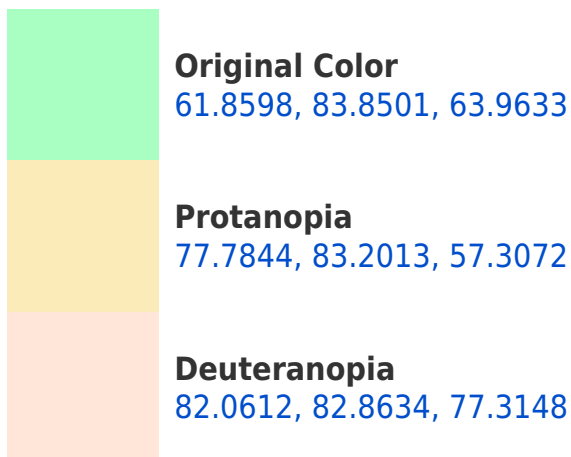
This preview shows how white text looks on a background with the XYZ color 61.8598, 83.8501,

63.9633.

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





Tritanopia

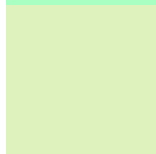
74.7040, 83.5616, 106.7994

Trichromacy



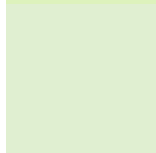
Original Color

61.8598, 83.8501, 63.9633



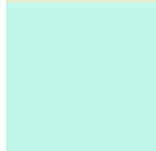
Protanomaly

70.6480, 82.5073, 59.7789



Deuteranomaly

73.1156, 82.1837, 72.3310



Tritanomaly

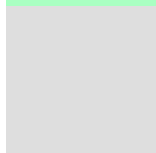
69.4546, 83.4811, 89.5436

Monochromacy



Original Color

61.8598, 83.8501, 63.9633



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.9351, 76.2956, 73.5387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8598, 83.8501, 63.9633 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(169, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(169, 255, 194)  
}
```

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(169, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 255, 194) }
```

Border

The CSS property to change the border of an element to XYZ 61.8598, 83.8501, 63.9633 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(169, 255, 194) }
```


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

```
.border{ border-color:rgb(169, 255, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(169, 255,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8598, 83.8501, 63.9633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 255, 194) }
```

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

```
.background{ background-color: rgb(169,  
255, 194) }
```

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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