

Converting Colors

XYZ(66.0145, 92.5095, 73.5699)

Have a look what the booklet for
XYZ(66.0145, 92.5095, 73.5699)
contains.

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Color

**XYZ(61.5197, 83.4986,
71.9059)**

Conversions

Conversions Part 1

Format	Color
Hex	A0FFCF
RGB	160, 255, 207
RGB Percent	63%, 100%, 81%
CMY	0.3725, 0.0000, 0.1882
CMYK	0.37, 0.00, 0.19, 0.00
HSL	150°, 100%, 81%
HSV	150°, 37%, 100%
XYZ	61.5197, 83.4986, 71.9059
YIQ	221.1230, -41.2120, -35.0680

Conversions

Conversions Part 2

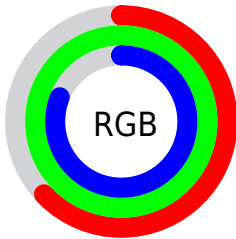
Format	Color
RYB	160, 224, 255
Decimal	10551247
CIELab	93.23, -38.32, 14.16
CIELCh	93, 40.854, 159.713
Yxy	83.4986, 0.2836, 0.3849
Android (android.graphics.Color)	4288741327 (0xFFA0FFCF)
YUV	221.1230, -6.9626, -53.6049
Hunter-Lab	91.3776, -39.7361, 17.3084

Details

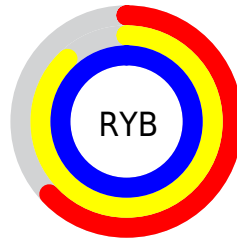
The XYZ color **61.5197, 83.4986, 71.9059** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.1964, 50.9565, 66.0740**, and the grayscale version is **68.8816, 72.4688, 78.9185**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **31.6528, 45.6311, 37.2764** is the 20% darker color. If you saturate the color by 10%, you get **55.4227, 80.5301, 63.7313**, and if you desaturate by 10%, it is **68.7922, 87.0582, 80.8092**.

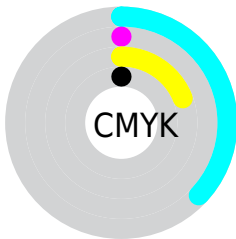
Distribution



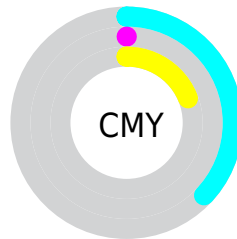
- Red (63%)
- Green (100%)
- Blue (81%)



- Red (63%)
- Yellow (88%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5197, 83.4986, 71.9059 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 61.5197, 83.4986, 71.9059 by changing the saturation by 10% instead.

 61.5197, 83.4986,
71.9059


 61.5197, 83.4986,
71.9059


419.9225,
506.6467, 486.1827

 44.8989, 62.6016,
52.5954


 106.1249,
138.2736, 123.6292

 31.5787, 45.5189,
37.0944


 134.8400,
172.9203, 156.8791

 21.1939, 31.8664,
24.9842


168.3172,
212.9190, 195.6127

 13.3791, 21.2595,
15.8464

206.9219,
258.6542, 240.2483

 7.7689, 13.3138,
9.2623

251.0194,
310.5101, 291.2046

 3.9980, 7.6450,
4.8136

300.9751,

 1.7010, 3.8686,

368.8713, 348.9000

2.0815

357.1543,
434.1220, 413.7533

■ 0.4569, 1.6003,
0.6047

■ 0.0000, 0.3578,
0.0000

■ 61.5197, 83.4986,
71.9059

■ 61.5197, 83.4986,
71.9059

■ 55.4227, 80.5301,
63.7313

■ 68.7922, 87.0582,
80.8092

■ 50.4315, 78.1172,
56.2623

■ 77.2998, 91.2393,
90.4555

■ 46.4723, 76.2222,
49.4801

■ 87.1006, 96.0716,
100.8636

■ 43.4607, 74.8019,
43.3636

95.0500, 100.0000,
108.9000

■ 41.2977, 73.8057,
37.8903

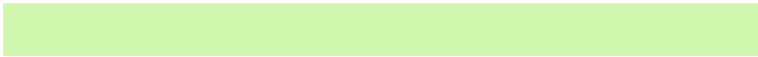
■ 39.8567, 73.1688,
33.0354

■ 39.5363, 73.0305,
31.8055

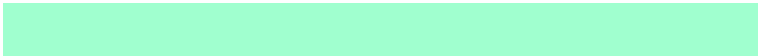
Harmonies

Analogous

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



66.8813, 83.4986, 52.5746



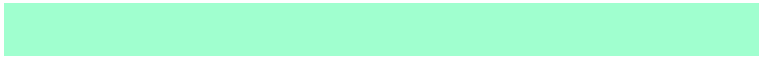
61.5197, 83.4986, 71.9059



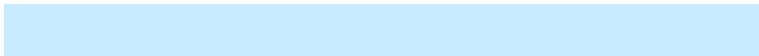
60.6919, 83.4986, 101.2677

Triad

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



61.5197, 83.4986, 71.9059



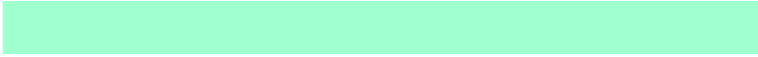
82.8997, 83.4986, 162.5916



96.3393, 83.4986, 58.1097

Complementary

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



61.5197, 83.4986, 71.9059



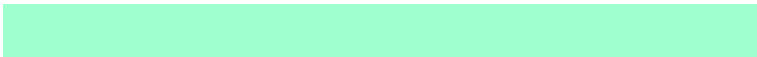
65.1964, 50.9565, 66.0740

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.



101.5170, 83.4986, 81.2945



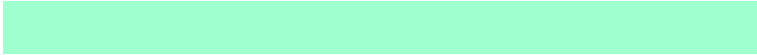
61.5197, 83.4986, 71.9059



93.3082, 83.4986, 144.4468

Square

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



61.5197, 83.4986, 71.9059



72.4133, 83.4986, 158.4691



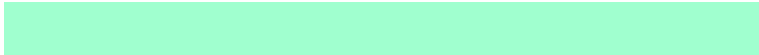
100.3603, 83.4986, 113.0115



86.7435, 83.4986, 45.9459

Rectangle

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



61.5197, 83.4986, 71.9059



62.7384, 83.4986, 123.5080



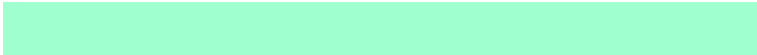
100.3603, 83.4986, 113.0115



98.6918, 83.4986, 64.6299

Sweetspot

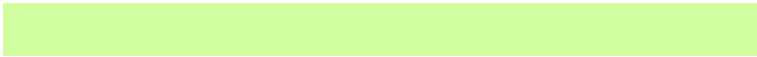
The Sweet Spot groups the original color and five complimentary colors.



61.5204, 83.4989, 71.9073



83.2742, 94.1833, 96.8743



68.4238, 87.6258, 46.5659



17.5375, 20.0178, 20.4318



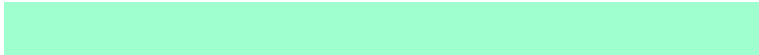
0.0000, 0.0000, 0.0000



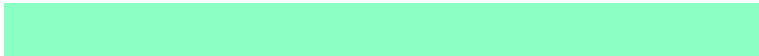
20.3446, 21.4041, 23.3091

Same Dimension

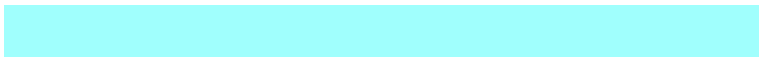
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.5204, 83.4989, 71.9073



56.6980, 81.1494, 65.5117



68.0538, 86.1123, 106.3115



18.1463, 20.3180, 21.0732



20.7337, 38.1901, 17.0148



2.0738, 3.7405, 1.9466

Inverse Universe

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



65.1964, 50.9565, 66.0740



60.8740, 44.1771, 58.8826



60.2960, 48.9964, 40.2689



18.3923, 18.1402, 20.6830



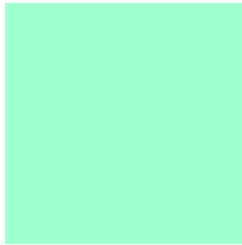
23.6892, 11.9650, 12.2799



2.3617, 1.1871, 1.4862

Previews

White Background



This preview shows how the XYZ color 61.5197, 83.4986, 71.9059 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 61.5197, 83.4986, 71.9059 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 61.5197, 83.4986, 71.9059

Background



This preview shows how black text looks on a background with the XYZ color 61.5197, 83.4986, 71.9059.



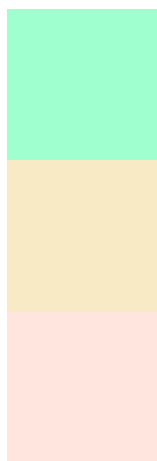
This preview shows how white text looks on a background with the XYZ color 61.5197, 83.4986,

71.9059.

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

61.5197, 83.4986, 71.9059

Protanopia

77.7444, 82.6053, 64.0714

Deuteranopia

82.3105, 82.5191, 79.9962



Tritanopia

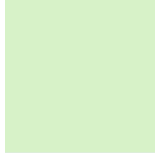
73.3553, 82.8664, 106.7363

Trichromacy



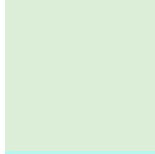
Original Color

61.5197, 83.4986, 71.9059



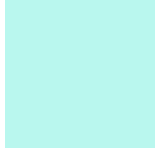
Protanomaly

70.2018, 82.1215, 66.7946



Deuteranomaly

72.4844, 81.3226, 76.8422



Tritanomaly

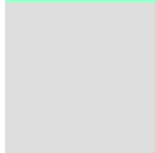
68.7010, 83.0089, 93.2903

Monochromacy



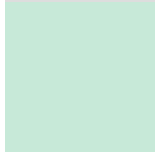
Original Color

61.5197, 83.4986, 71.9059



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

65.0868, 75.3778, 76.0847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5197, 83.4986, 71.9059 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(160, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(160, 255, 207)  
}
```

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(160, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 255, 207) }
```

Border

The CSS property to change the border of an element to XYZ 61.5197, 83.4986, 71.9059 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(160, 255, 207) }
```


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

```
.border{ border-color:rgb(160, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(160, 255,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5197, 83.4986, 71.9059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 255, 207) }
```

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

```
.background{ background-color: rgb(160,  
255, 207) }
```

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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