

Converting Colors

XYZ(61.0775, 83.2987, 70.6167)

Have a look what the booklet for
XYZ(61.0775, 83.2987, 70.6167)
contains.

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Color

**XYZ(61.0775, 83.2987,
70.6167)**

Conversions

Conversions Part 1

Format	Color
Hex	9FFLCD
RGB	159, 255, 205
RGB Percent	62%, 100%, 80%
CMY	0.3765, 0.0000, 0.1961
CMYK	0.38, 0.00, 0.20, 0.00
HSL	149°, 100%, 81%
HSV	149°, 38%, 100%
XYZ	61.0775, 83.2987, 70.6167
YIQ	220.5960, -41.1660, -35.9020

Conversions

Conversions Part 2

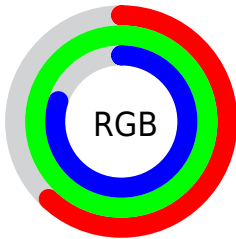
Format	Color
RYB	159, 224, 255
Decimal	10485709
CIELab	93.15, -38.98, 15.06
CIElCh	93, 41.791, 158.875
Yxy	83.2987, 0.2841, 0.3874
Android (android.graphics.Color)	4288675789 (0xFF9FFFCD)
YUV	220.5960, -7.6888, -54.0197
Hunter-Lab	91.2681, -40.2653, 18.0134

Details

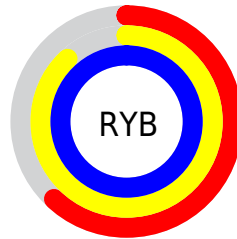
The XYZ color **61.0775, 83.2987, 70.6167** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.1472, 50.6605, 66.6666**, and the grayscale version is **68.5167, 72.0849, 78.5004**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **31.3735, 45.5061, 36.4082** is the 20% darker color. If you saturate the color by 10%, you get **54.9959, 80.3409, 62.3160**, and if you desaturate by 10%, it is **68.3397, 86.8493, 79.6858**.

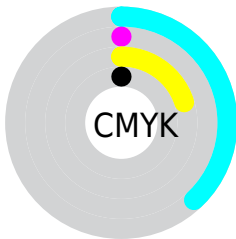
Distribution



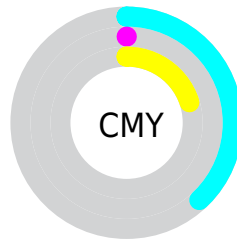
- Red (62%)
- Green (100%)
- Blue (80%)



- Red (62%)
- Yellow (88%)
- Blue (100%)



- Cyan (38%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)




- Cyan (38%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0775, 83.2987, 70.6167 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 61.0775, 83.2987, 70.6167 by changing the saturation by 10% instead.


 61.0775, 83.2987,
70.6167


 61.0775, 83.2987,
70.6167


418.3295,
505.9815, 481.5599

 44.5405, 62.4366,
51.5495


 105.4886,
137.9937, 121.7771

 31.2954, 45.3856,
36.2664


 134.0934,
172.5955, 154.7075

 20.9768, 31.7612,
24.3487


167.4516,
212.5458, 193.0960

 13.2194, 21.1792,
15.3779

205.9284,
258.2293, 237.3613

 7.6578, 13.2550,
8.9355

249.8892,
310.0302, 287.9217

 3.9268, 7.6044,
4.6029

299.6995,

 1.6608, 3.8429,

368.3329, 345.1959

1.9616

355.7244,
433.5219, 409.6025

■ 0.4315, 1.5861,
0.5315

■ 0.0000, 0.3482,
0.0000

■ 61.0775, 83.2987,
70.6167

■ 61.0775, 83.2987,
70.6167

■ 54.9959, 80.3409,
62.3160

■ 68.3397, 86.8493,
79.6858

■ 50.0248, 77.9403,
54.7589

■ 76.8426, 91.0234,
89.5389

■ 46.0895, 76.0588,
47.9249

■ 86.6448, 95.8509,
100.1967

■ 43.1050, 74.6529,
41.7910

95.0500, 100.0000,
108.9000

■ 40.9711, 73.6715,
36.3326

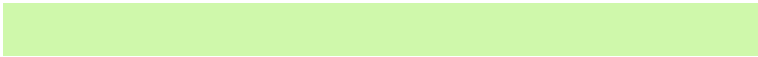
■ 39.5570, 73.0475,
31.5227

■ 39.2846, 72.9299,
30.4804

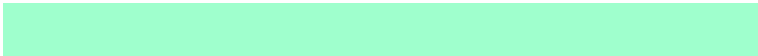
Harmonies

Analogous

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



66.6552, 83.2987, 51.3197



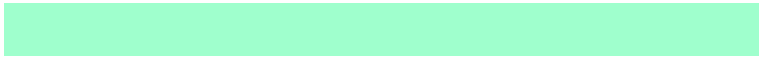
61.0775, 83.2987, 70.6167



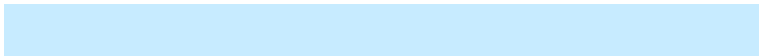
60.1025, 83.2987, 100.3436

Triad

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



61.0775, 83.2987, 70.6167



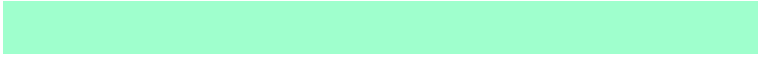
82.4729, 83.2987, 164.4592



96.7611, 83.2987, 57.8137

Complementary

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



61.0775, 83.2987, 70.6167



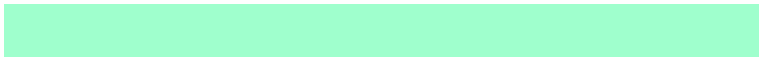
65.1472, 50.6605, 66.6666

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.



101.9026, 83.2987, 81.6915



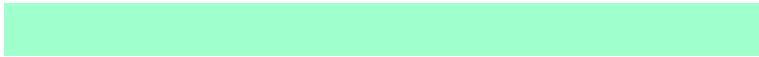
61.0775, 83.2987, 70.6167



93.1672, 83.2987, 146.3433

Square

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



61.0775, 83.2987, 70.6167



71.8095, 83.2987, 159.5462



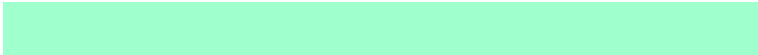
100.5300, 83.2987, 114.2657



87.0232, 83.2987, 45.2027

Rectangle

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



61.0775, 83.2987, 70.6167



62.0968, 83.2987, 123.1191



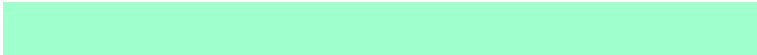
100.5300, 83.2987, 114.2657



99.1234, 83.2987, 64.5357

Sweetspot

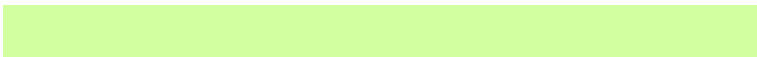
The Sweet Spot groups the original color and five complimentary colors.



61.0782, 83.2990, 70.6181



83.2091, 94.1573, 96.5314



68.6538, 87.7545, 46.1218



17.5220, 20.0116, 20.3501



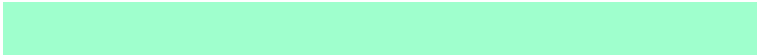
0.0000, 0.0000, 0.0000



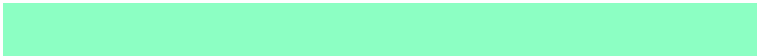
20.3446, 21.4041, 23.3091

Same Dimension

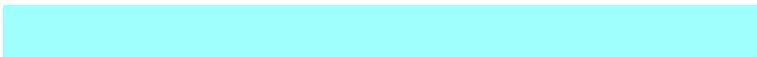
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.0782, 83.2990, 70.6181



56.4944, 81.0680, 64.4395



67.5975, 85.9068, 104.9483



18.1341, 20.3132, 21.0091



20.6015, 38.1372, 16.3188



2.0607, 3.7352, 1.8776

Inverse Universe

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



65.1472, 50.6605, 66.6666



61.0817, 44.2601, 59.9762



60.1781, 48.6729, 40.4998



18.4045, 18.1451, 20.7473



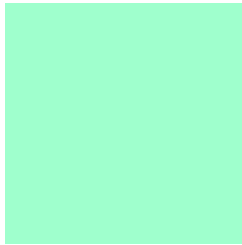
23.8301, 12.0213, 13.0216



2.3755, 1.1926, 1.5587

Previews

White Background



This preview shows how the XYZ color 61.0775, 83.2987, 70.6167 looks on a white background.

Color Contrast Check

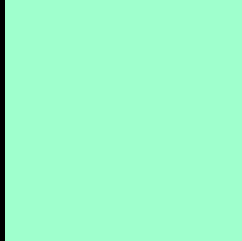
Large Text (above 18pt) WCAG AA × Fail

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 61.0775, 83.2987, 70.6167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

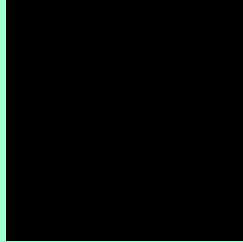
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0775, 83.2987, 70.6167

Background



This preview shows how black text looks on a background with the XYZ color 61.0775, 83.2987, 70.6167.



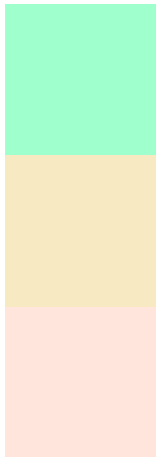
This preview shows how white text looks on a background with the XYZ color 61.0775, 83.2987,

70.6167.

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

61.0775, 83.2987, 70.6167

Protanopia

77.5182, 82.5148, 62.8802

Deuteranopia

82.0455, 82.4131, 78.6009



Tritanopia

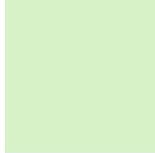
73.0908, 82.7300, 106.7239

Trichromacy



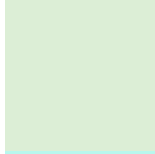
Original Color

61.0775, 83.2987, 70.6167



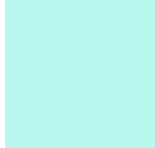
Protanomaly

69.9695, 82.0286, 65.5714



Deuteranomaly

72.2273, 81.2198, 75.4885



Tritanomaly

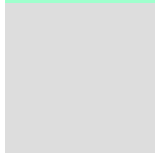
68.3140, 82.8263, 92.5073

Monochromacy



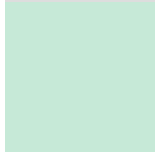
Original Color

61.0775, 83.2987, 70.6167



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

64.6934, 75.1899, 75.3934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0775, 83.2987, 70.6167 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(159, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(159, 255, 205)  
}
```

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(159, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 255, 205) }
```

Border

The CSS property to change the border of an element to XYZ 61.0775, 83.2987, 70.6167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

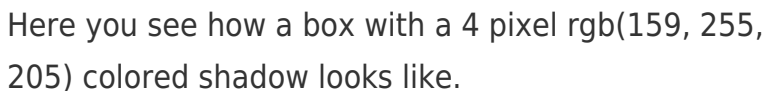
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 255, 205) }
```


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

```
.border{ border-color:rgb(159, 255, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 255, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(159, 255,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0775, 83.2987, 70.6167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 255, 205) }
```

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

```
.background{ background-color: rgb(159,  
255, 205) }
```

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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