

Converting Colors

XYZ(79.6147, 120.3233,
76.3676)

Have a look what the booklet for
XYZ(79.6147, 120.3233, 76.3676)
contains.

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Color

**XYZ(61.1563, 83.3532,
69.9922)**

Conversions

Conversions Part 1

Format	Color
Hex	A0FFCC
RGB	160, 255, 204
RGB Percent	63%, 100%, 80%
CMY	0.3725, 0.0000, 0.2000
CMYK	0.37, 0.00, 0.20, 0.00
HSL	148°, 100%, 81%
HSV	148°, 37%, 100%
XYZ	61.1563, 83.3532, 69.9922
YIQ	220.7810, -40.2490, -36.0010

Conversions

Conversions Part 2

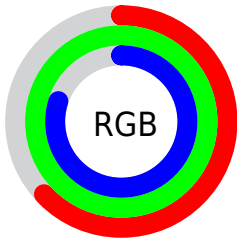
Format	Color
RYB	160, 225, 255
Decimal	10551244
CIELab	93.17, -38.90, 15.61
CIELCh	93, 41.916, 158.129
Yxy	83.3532, 0.2851, 0.3886
Android (android.graphics.Color)	4288741324 (0xFFA0FFCC)
YUV	220.7810, -8.2730, -53.3049
Hunter-Lab	91.2980, -40.2025, 18.4548

Details

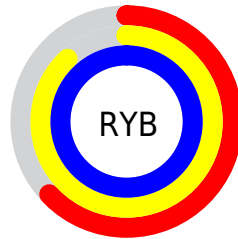
The XYZ color **61.1563, 83.3532, 69.9922** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.5692, 51.1056, 68.0368**, and the grayscale version is **68.6499, 72.2250, 78.6531**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **31.4080, 45.5332, 35.9876** is the 20% darker color. If you saturate the color by 10%, you get **55.0003, 80.3611, 61.5071**, and if you desaturate by 10%, it is **68.5036, 86.9427, 79.2892**.

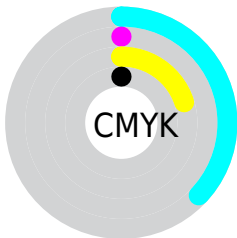
Distribution



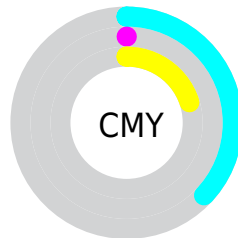
- Red (63%)
- Green (100%)
- Blue (80%)



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



- Cyan (37%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (37%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1563, 83.3532, 69.9922 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 61.1563, 83.3532, 69.9922 by changing the saturation by 10% instead.


 61.1563, 83.3532,
69.9922


 61.1563, 83.3532,
69.9922


418.6136,
506.1629, 479.3110

 44.6043, 62.4816,
51.0434

 105.6020,
138.0700, 120.8786

 31.3458, 45.4219,
35.8662


 134.2265,
172.6840, 153.6534

 21.0155, 31.7899,
24.0420


167.6059,
212.6476, 191.8738

 13.2478, 21.2011,
15.1523

206.1056,
258.3451, 235.9586

 7.6776, 13.2711,
8.7785

250.0908,
310.1610, 286.3261

 3.9394, 7.6155,
4.5022

299.9270,

 1.6679, 3.8499,

368.4797, 343.3950

1.9047

355.9795,
433.6855, 407.5838

■ 0.4361, 1.5900,
0.4957

■ 0.0000, 0.3508,
0.0000

■ 61.1563, 83.3532,
69.9922

■ 61.1563, 83.3532,
69.9922

■ 55.0003, 80.3611,
61.5071

■ 68.5036, 86.9427,
79.2892

■ 49.9653, 77.9307,
53.8072

■ 77.1023, 91.1603,
89.4154

■ 45.9767, 76.0239,
46.8703

■ 87.0113, 96.0358,
100.3929

■ 42.9495, 74.5974,
40.6715

95.0500, 100.0000,
108.9000

■ 40.7838, 73.6001,
35.1841

■ 39.3522, 72.9670,
30.3790

■ 39.0364, 72.8306,
29.1733

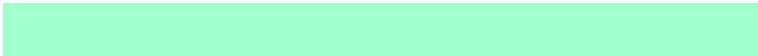
Harmonies

Analogous

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



66.8583, 83.3532, 50.9287



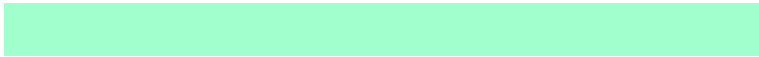
61.1563, 83.3532, 69.9922



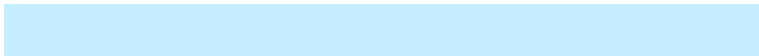
60.0596, 83.3532, 99.6042

Triad

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



61.1563, 83.3532, 69.9922



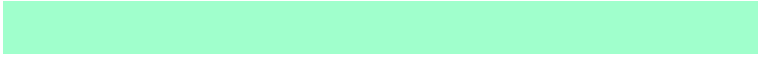
82.2564, 83.3532, 164.9879



97.0731, 83.3532, 58.2315

Complementary

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



61.1563, 83.3532, 69.9922



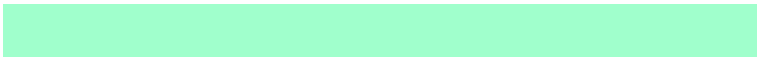
65.5692, 51.1056, 68.0368

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.



102.0863, 83.3532, 82.4507



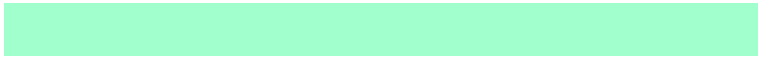
61.1563, 83.3532, 69.9922



93.0290, 83.3532, 147.2969

Square

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



61.1563, 83.3532, 69.9922



71.5967, 83.3532, 159.4580



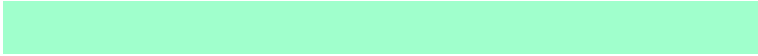
100.5416, 83.3532, 115.2703



87.3761, 83.3532, 45.3155

Rectangle

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



61.1563, 83.3532, 69.9922



61.9820, 83.3532, 122.4505



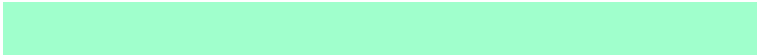
100.5416, 83.3532, 115.2703



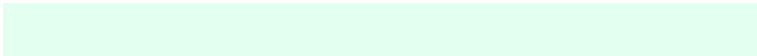
99.4010, 83.3532, 65.0672

Sweetspot

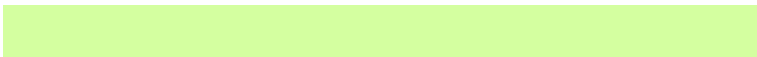
The Sweet Spot groups the original color and five complimentary colors.



61.1570, 83.3536, 69.9936



83.1423, 94.1306, 96.1797



69.3292, 88.0926, 46.6084



17.5061, 20.0052, 20.2664



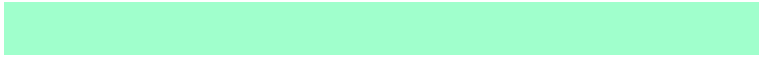
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



61.1570, 83.3536, 69.9936



56.2875, 80.9852, 63.3504



67.5523, 85.9117, 103.6705



18.1216, 20.3082, 20.9433



20.4710, 38.0850, 15.6313



2.0477, 3.7300, 1.8089

Inverse Universe

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



65.5692, 51.1056, 68.0368



61.2978, 44.3466, 61.1141



60.5802, 49.1101, 41.7655



18.4171, 18.1502, 20.8136



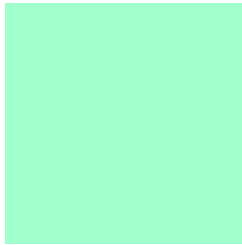
23.9804, 12.0815, 13.8132



2.3901, 1.1984, 1.6357

Previews

White Background



This preview shows how the XYZ color 61.1563, 83.3532, 69.9922 looks on a white background.

Color Contrast Check

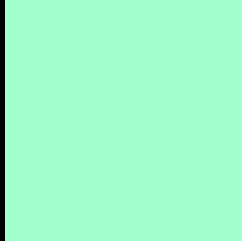
Large Text (above 18pt) WCAG AA × Fail

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 61.1563, 83.3532, 69.9922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

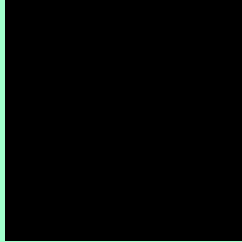
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

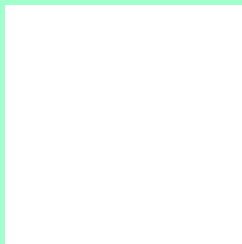
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1563, 83.3532, 69.9922

Background



This preview shows how black text looks on a background with the XYZ color 61.1563, 83.3532, 69.9922.



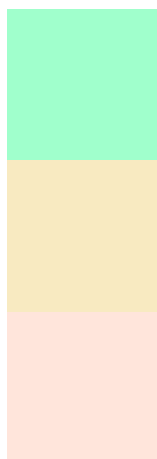
This preview shows how white text looks on a background with the XYZ color 61.1563, 83.3532,

69.9922.

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

61.1563, 83.3532, 69.9922

Protanopia

77.7599, 82.6524, 62.3072

Deuteranopia

82.0455, 82.4131, 78.6009



Tritanopia

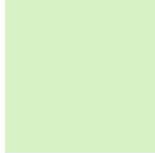
73.3553, 82.8664, 106.7363

Trichromacy



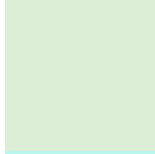
Original Color

61.1563, 83.3532, 69.9922



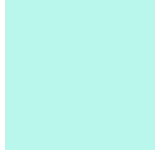
Protanomaly

70.1491, 82.1344, 64.9796



Deuteranomaly

72.2273, 81.2198, 75.4885



Tritanomaly

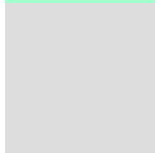
68.4087, 82.8919, 91.7511

Monochromacy



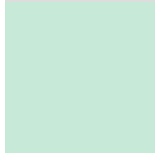
Original Color

61.1563, 83.3532, 69.9922



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

64.9578, 75.3262, 75.4058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1563, 83.3532, 69.9922 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(160, 255, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 255, 204) }
```

Border

The CSS property to change the border of an element to XYZ 61.1563, 83.3532, 69.9922 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, 204) }
```


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

```
.border{ border-color:rgb(160, 255, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(160, 255,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1563, 83.3532, 69.9922 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, 204) }
```

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

```
.background{ background-color: rgb(160,  
255, 204) }
```

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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