

# Converting Colors

XYZ(60.0993, 82.9442, 63.7592)

Have a look what the booklet for  
XYZ(60.0993, 82.9442, 63.7592)  
contains.

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# Color

**XYZ(60.1955, 82.9921,  
63.8854)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1FFC2
RGB	161, 255, 194
RGB Percent	63%, 100%, 76%
CMY	0.3686, 0.0000, 0.2392
CMYK	0.37, 0.00, 0.24, 0.00
HSL	141°, 100%, 82%
HSV	141°, 37%, 100%
XYZ	60.1955, 82.9921, 63.8854
YIQ	219.9400, -36.4430, -38.8990

# Conversions

## Conversions Part 2

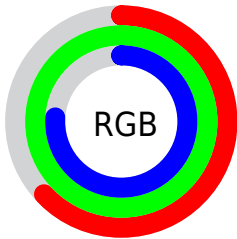
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 231, 255
Decimal	10616770
CIELab	93.01, -40.49, 20.52
CIELCh	93, 45.392, 153.130
Yxy	82.9921, 0.2907, 0.4008
Android (android.graphics.Color)	4288806850 (0xFFA1FFC2)
YUV	219.9400, -12.7884, -51.6904
Hunter-Lab	91.1000, -41.4788, 22.1919

# Details

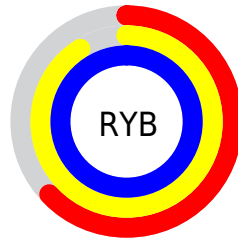
The XYZ color **60.1955, 82.9921, 63.8854** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **67.1699, 52.0242, 75.6082**, and the grayscale version is **68.0900, 71.6360, 78.0116**.

A 20% lighter version of the original color is **82.0860, 93.3905, 104.9666**, and **30.7534, 45.2849, 31.9309** is the 20% darker color. If you saturate the color by 10%, you get **53.8138, 79.9051, 54.4200**, and if you desaturate by 10%, it is **67.8333, 86.7026, 74.4926**.

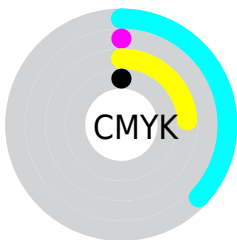
# Distribution



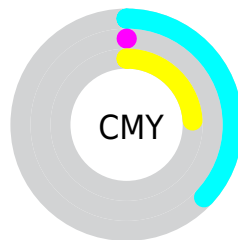
- Red (63%)
- Green (100%)
- Blue (76%)



- Red (63%)
- Yellow (91%)
- Blue (100%)



- Cyan (37%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)




- Cyan (37%)
- Magenta (0%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1955, 82.9921, 63.8854 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 60.1955, 82.9921, 63.8854 by changing the saturation by 10% instead.





 60.1955, 82.9921,  
63.8854


 60.1955, 82.9921,  
63.8854


415.1412,  
504.9602, 456.9718

 43.8263, 62.1836,  
46.1123


 104.2179,  
137.5644, 112.0438

 30.7313, 45.1811,  
31.9851


 132.6019,  
172.0970, 143.2661

 20.5451, 31.6001,  
21.0854


165.7215,  
211.9731, 179.8085

 12.9025, 21.0562,  
12.9946


203.9420,  
257.5772, 222.0896

 7.4380, 13.1651,  
7.2941

247.6289,  
309.2935, 270.5280

 3.7862, 7.5423,  
3.5655


297.1475,


 1.5819, 3.8035,


367.5065, 325.5421


1.3901


352.8632,  
432.6006, 387.5505


 0.3806, 1.5643,  
0.1340


 0.0000, 0.3333,  
0.0000


 60.1955, 82.9921,  
63.8854


 60.1955, 82.9921,  
63.8854


 53.8138, 79.9051,  
54.4200


 67.8333, 86.7026,  
74.4926

 48.6155, 77.4050,  
46.0537

 76.7904, 91.0687,  
86.2743

 44.5228, 75.4527,  
38.7471

 87.1280, 96.1211,  
99.2666

 41.4477, 74.0034,  
32.4569

95.0500, 100.0000,  
108.9000

■ 39.2872, 73.0052,  
27.1362

■ 37.9129, 72.3927,  
22.7341

■ 37.5853, 72.2501,  
21.5318

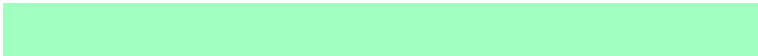
# Harmonies

## Analogous

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



67.0351, 82.9921, 45.8771



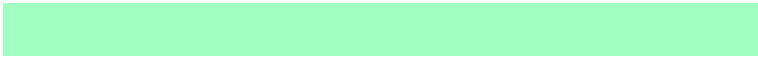
60.1955, 82.9921, 63.8854



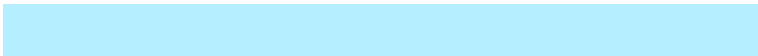
58.1856, 82.9921, 93.9865

# Triad

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



60.1955, 82.9921, 63.8854



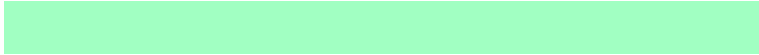
80.1363, 82.9921, 172.7717



99.6167, 82.9921, 59.0964

# Complementary

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



60.1955, 82.9921, 63.8854



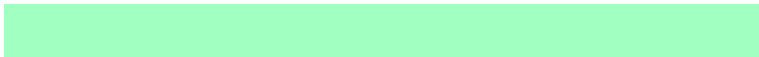
67.1699, 52.0242, 75.6082

# 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.



103.9812, 82.9921, 86.8363



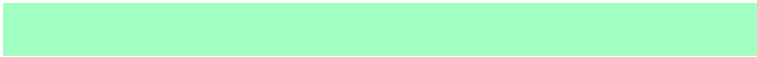
60.1955, 82.9921, 63.8854



92.0473, 82.9921, 157.0299

# Square

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



60.1955, 82.9921, 63.8854



68.9936, 82.9921, 162.2539



101.0822, 82.9921, 123.3034

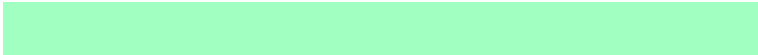


89.6717, 82.9921, 43.6394



# Rectangle

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



60.1955, 82.9921, 63.8854



59.6705, 82.9921, 118.6002



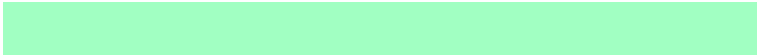
101.0822, 82.9921, 123.3034



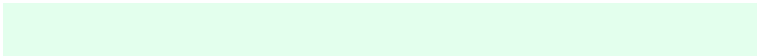
101.8280, 82.9921, 67.0083

# Sweetspot

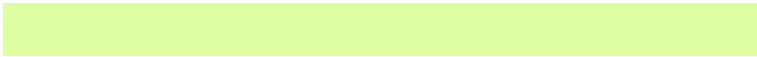
The Sweet Spot groups the original color and five complimentary colors.



60.1961, 82.9924, 63.8867



82.6793, 93.9454, 93.7415



72.3482, 89.6387, 47.2078



17.3961, 19.9612, 19.6869



0.0000, 0.0000, 0.0000

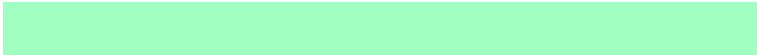


20.3446, 21.4041, 23.3091

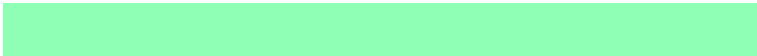


# Same Dimension

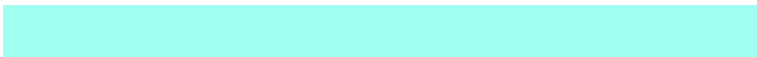
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.1961, 82.9924, 63.8867



55.5163, 80.7271, 57.0153



66.3206, 85.4422, 96.1375



18.0349, 20.2735, 20.4867



19.7028, 37.7777, 11.5862



1.9679, 3.6981, 1.3886



# Inverse Universe

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



67.1699, 52.0242, 75.6082



63.3767, 45.7826, 70.1978



61.7330, 49.8494, 46.9779



18.5060, 18.1857, 21.2815



25.1936, 12.5667, 20.2019

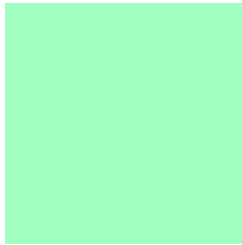


2.5048, 1.2443, 2.2399



# Previews

## White Background



This preview shows how the XYZ color 60.1955, 82.9921, 63.8854 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

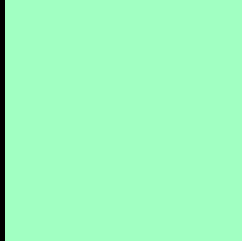
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.1955, 82.9921, 63.8854 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 60.1955, 82.9921, 63.8854

## Background



This preview shows how black text looks on a background with the XYZ color 60.1955, 82.9921, 63.8854.



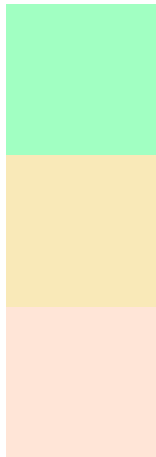
This preview shows how white text looks on a background with the XYZ color 60.1955, 82.9921,



# 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

60.1955, 82.9921, 63.8854

### Protanopia

76.8576, 81.8783, 57.1007

### Deuteranopia

81.5251, 82.2049, 75.8603



## Tritanopia

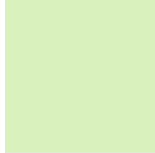
73.0908, 82.7300, 106.7239

# Trichromacy



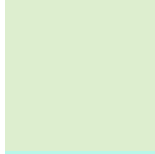
## Original Color

60.1955, 82.9921, 63.8854



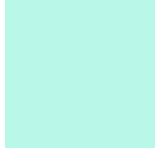
## Protanomaly

69.1477, 81.2931, 59.6236



## Deuteranomaly

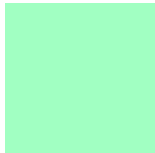
71.6558, 81.0262, 70.8944



## Tritanomaly

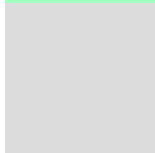
67.9763, 82.7190, 89.4744

# Monochromacy



## Original Color

60.1955, 82.9921, 63.8854



## Achromatopsia

68.0267, 71.5694, 77.9390



## Achromatomaly

64.4500, 75.1231, 72.7313

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.1955, 82.9921, 63.8854 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(161, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 255, 194) }
```

## Border

The CSS property to change the border of an element to XYZ 60.1955, 82.9921, 63.8854 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(161, 255, 194) }
```



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

```
.border{ border-color:rgb(161, 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(161, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(161, 255,  
194) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.1955, 82.9921, 63.8854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 255, 194) }
```

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

```
.background{ background-color: rgb(161,  
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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