

Converting Colors

XYZ(60.7275, 83.3920, 58.2326)

Have a look what the booklet for
XYZ(60.7275, 83.3920, 58.2326)
contains.

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Color

**XYZ(60.7739, 83.4157,
58.2451)**

Conversions

Conversions Part 1

Format	Color
Hex	A9FFB8
RGB	169, 255, 184
RGB Percent	66%, 100%, 72%
CMY	0.3372, 0.0000, 0.2784
CMYK	0.34, 0.00, 0.28, 0.00
HSL	130°, 100%, 83%
HSV	130°, 34%, 100%
XYZ	60.7739, 83.4157, 58.2451
YIQ	221.1920, -28.4650, -40.3130

Conversions

Conversions Part 2

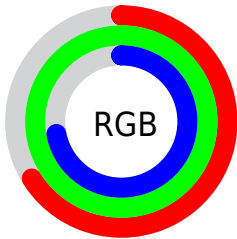
Format	Color
RYB	169, 242, 255
Decimal	11141048
CIELab	93.20, -39.92, 25.92
CIELCh	93, 47.593, 147.008
Yxy	83.4157, 0.3002, 0.4121
Android (android.graphics.Color)	4289331128 (0xFFA9FFB8)
YUV	221.1920, -18.3357, -45.7724
Hunter-Lab	91.3322, -41.0546, 26.1216

Details

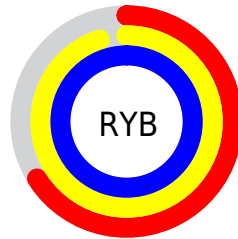
The XYZ color **60.7739, 83.4157, 58.2451** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **71.1563, 55.9277, 89.4822**, and the grayscale version is **69.0009, 72.5943, 79.0552**.

A 20% lighter version of the original color is **82.8522, 93.9800, 96.2113**, and **31.2302, 45.6043, 28.6292** is the 20% darker color. If you saturate the color by 10%, you get **53.7811, 80.0471, 47.2431**, and if you desaturate by 10%, it is **69.1631, 87.4662, 71.0294**.

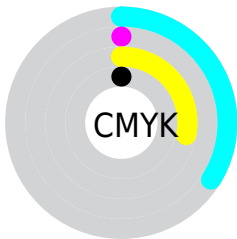
Distribution



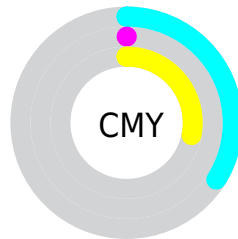
- Red (66%)
- Green (100%)
- Blue (72%)



- Red (66%)
- Yellow (95%)
- Blue (100%)



- Cyan (34%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)



- Cyan (34%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7739, 83.4157, 58.2451 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 60.7739, 83.4157, 58.2451 by changing the saturation by 10% instead.

60.7739, 83.4157,
58.2451

60.7739, 83.4157,
58.2451

417.2337,
506.3709, 435.7223

44.2946, 62.5331,
41.5897

105.0515,
138.1575, 103.7980

31.1011, 45.4636,
28.4570

133.5804,
172.7856, 133.5326

20.8280, 31.8228,
18.4284

166.8566,
212.7643, 168.4640

13.1101, 21.2262,
11.0854

205.2454,
258.4780, 209.0108

7.5819, 13.2894,
6.0094

249.1121,
310.3111, 255.5915

3.8782, 7.6281,
2.7819


298.8222,


1.6334, 3.8579,


368.6480, 308.6246


0.9844


354.7409,
433.8732, 368.5287


 0.4141, 1.5944,
0.0000


 0.0000, 0.3538,
0.0000


 60.7739, 83.4157,
58.2451

 60.7739, 83.4157,
58.2451


 53.7811, 80.0471,
47.2431


 69.1631, 87.4662,
71.0294

 48.1063, 77.3216,
37.9403

 79.0177, 92.2327,
85.6660

 43.6657, 75.1979,
30.2530

 90.4043, 97.7480,
102.2262

 40.3651, 73.6295,
24.0889

95.0500, 100.0000,
108.9000

■ 38.0965, 72.5626,
19.3462

■ 36.7296, 71.9325,
15.9103

■ 36.2237, 71.7055,
14.3618

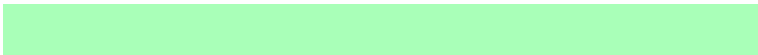
Harmonies

Analogous

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



68.8559, 83.4157, 42.2414



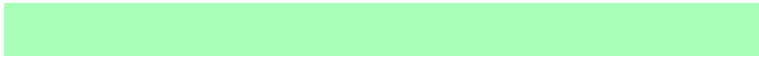
60.7739, 83.4157, 58.2451



57.6097, 83.4157, 87.2780

Triad

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



60.7739, 83.4157, 58.2451



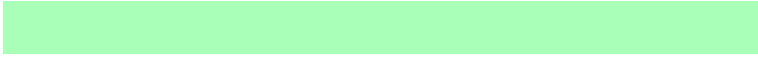
78.0355, 83.4157, 178.4379



102.7004, 83.4157, 62.9990

Complementary

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



60.7739, 83.4157, 58.2451



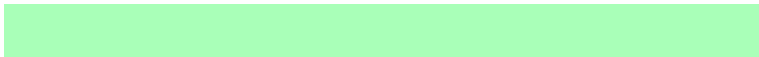
71.1563, 55.9277, 89.4822

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.



105.8093, 83.4157, 94.4679



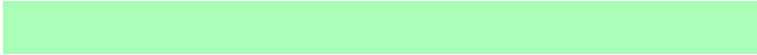
60.7739, 83.4157, 58.2451



90.7154, 83.4157, 167.0526

Square

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



60.7739, 83.4157, 58.2451



66.8959, 83.4157, 161.7142



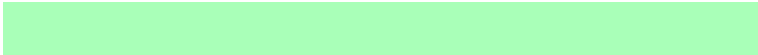
101.2161, 83.4157, 133.7314



93.1145, 83.4157, 44.4362

Rectangle

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



60.7739, 83.4157, 58.2451



58.4373, 83.4157, 112.5004



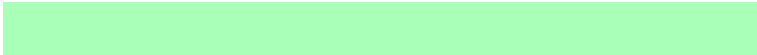
101.2161, 83.4157, 133.7314



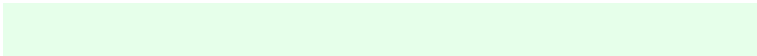
104.5787, 83.4157, 72.1304

Sweetspot

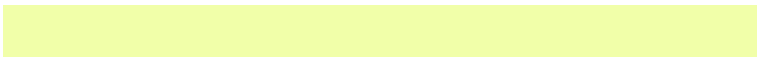
The Sweet Spot groups the original color and five complimentary colors.



60.7745, 83.4160, 58.2464



83.0767, 94.1979, 91.6062



79.0836, 93.0268, 51.3247



17.4486, 20.0009, 19.1210



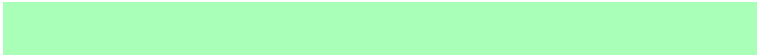
0.0000, 0.0000, 0.0000



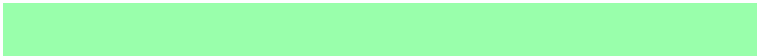
20.3446, 21.4041, 23.3091

Same Dimension

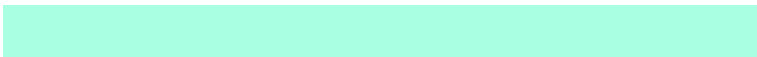
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.7745, 83.4160, 58.2464



56.2277, 81.2247, 51.1386



65.8958, 85.4645, 85.2151



17.9009, 20.2199, 19.7810



18.9650, 37.4826, 7.7007



1.8804, 3.6631, 0.9282

Inverse Universe

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



71.1563, 55.9277, 89.4822



67.9477, 50.1691, 86.3825



65.5830, 53.6984, 60.1335



18.6487, 18.2428, 22.0329



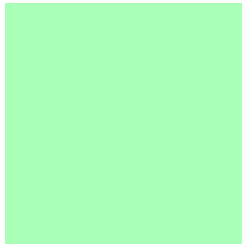
27.7109, 13.5736, 33.4575



2.7323, 1.3353, 3.4374

Previews

White Background



This preview shows how the XYZ color 60.7739, 83.4157, 58.2451 looks on a white background.

Color Contrast Check

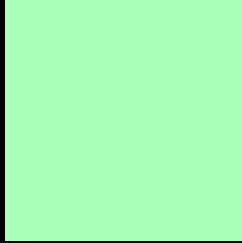
Large Text (above 18pt) WCAG AA × Fail

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 60.7739, 83.4157, 58.2451 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

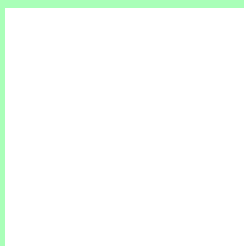
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7739, 83.4157, 58.2451

Background



This preview shows how black text looks on a background with the XYZ color 60.7739, 83.4157, 58.2451.



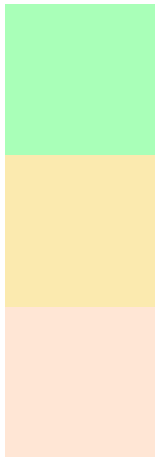
This preview shows how white text looks on a background with the XYZ color 60.7739, 83.4157,

58.2451.

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

60.7739, 83.4157, 58.2451

Protanopia

76.9443, 82.4500, 52.4165

Deuteranopia

81.5471, 82.6577, 74.6073



Tritanopia

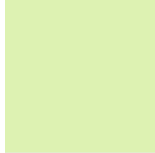
74.1339, 82.8271, 106.6877

Trichromacy



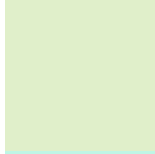
Original Color

60.7739, 83.4157, 58.2451



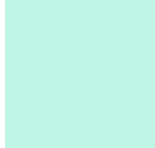
Protanomaly

69.6068, 82.0908, 54.2959



Deuteranomaly

72.2676, 81.8446, 67.8658



Tritanomaly

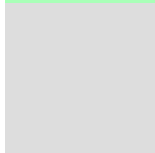
68.5845, 82.6450, 86.4660

Monochromacy



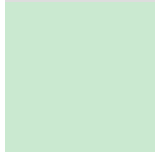
Original Color

60.7739, 83.4157, 58.2451



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

64.8812, 75.3884, 70.8063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7739, 83.4157, 58.2451 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(169, 255, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 255, 184) }
```

Border

The CSS property to change the border of an element to XYZ 60.7739, 83.4157, 58.2451 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, 184) }
```


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

```
.border{ border-color:rgb(169, 255, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(169, 255,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7739, 83.4157, 58.2451 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, 184) }
```

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

```
.background{ background-color: rgb(169,  
255, 184) }
```

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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