

Converting Colors

XYZ(72.3483, 106.4967,
61.7163)

Have a look what the booklet for
XYZ(72.3483, 106.4967, 61.7163)
contains.

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Color

**XYZ(60.8848, 83.4849,
57.7050)**

Conversions

Conversions Part 1

Format	Color
Hex	AAFFB7
RGB	170, 255, 183
RGB Percent	67%, 100%, 72%
CMY	0.3333, 0.0000, 0.2823
CMYK	0.33, 0.00, 0.28, 0.00
HSL	129°, 100%, 83%
HSV	129°, 33%, 100%
XYZ	60.8848, 83.4849, 57.7050
YIQ	221.3770, -27.5480, -40.4120

Conversions

Conversions Part 2

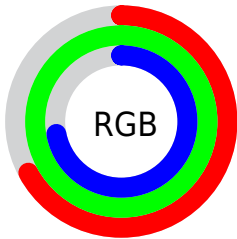
Format	Color
RYB	170, 244, 255
Decimal	11206583
CIELab	93.23, -39.79, 26.47
CIElCh	93, 47.788, 146.364
Yxy	83.4849, 0.3013, 0.4131
Android (android.graphics.Color)	4289396663 (0xFFAAFFB7)
YUV	221.3770, -18.9199, -45.0576
Hunter-Lab	91.3701, -40.9535, 26.5143

Details

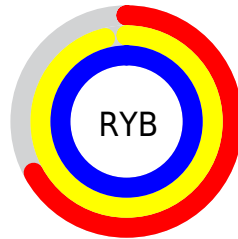
The XYZ color **60.8848, 83.4849, 57.7050** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **71.6419, 56.4208, 91.1181**, and the grayscale version is **69.1347, 72.7350, 79.2085**.

A 20% lighter version of the original color is **83.0185, 94.0829, 95.4456**, and **31.2936, 45.6447, 28.2801** is the 20% darker color. If you saturate the color by 10%, you get **53.8180, 80.0820, 46.5256**, and if you desaturate by 10%, it is **69.3670, 87.5776, 70.7542**.

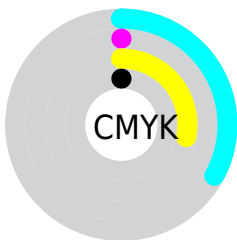
Distribution



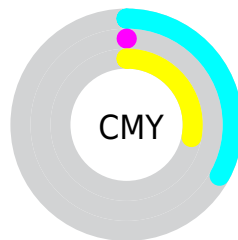
- Red (67%)
- Green (100%)
- Blue (72%)



- Red (67%)
- Yellow (96%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (33%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8848, 83.4849, 57.7050 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 60.8848, 83.4849, 57.7050 by changing the saturation by 10% instead.


 60.8848, 83.4849,
57.7050

 60.8848, 83.4849,
57.7050


417.6342,
506.6011, 433.6533

 44.3844, 62.5902,
41.1584


 105.2112,
138.2544, 103.0037

 31.1720, 45.5098,
28.1222


133.7679,
172.8980, 132.5928

 20.8823, 31.8592,
18.1780


167.0740,
212.8935, 167.3666

 13.1500, 21.2540,
10.9071

205.4950,
258.6251, 207.7435

 7.6096, 13.3098,
5.8910

249.3961,
310.4772, 254.1421

 3.8959, 7.6422,
2.7112

299.1428,

 1.6434, 3.8669,

368.8344, 306.9809

0.9491

355.1003,
434.0809, 366.6784

■ 0.4204, 1.5994,
0.0000

■ 0.0000, 0.3572,
0.0000

■ 60.8848, 83.4849,
57.7050

■ 60.8848, 83.4849,
57.7050

■ 53.8180, 80.0820,
46.5256

■ 69.3670, 87.5776,
70.7542

■ 48.0871, 77.3297,
37.1266

■ 79.3344, 92.3945,
85.7493

■ 43.6073, 75.1863,
29.4171

■ 90.8547, 97.9686,
102.7668

■ 40.2832, 73.6047,
23.2966

95.0500, 100.0000,
108.9000

■ 38.0056, 72.5309,
18.6541

■ 36.6431, 71.9000,
15.3639

■ 36.1263, 71.6665,
13.8487

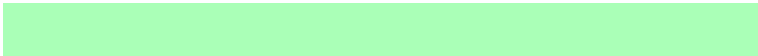
Harmonies

Analogous

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



69.0963, 83.4849, 41.9267



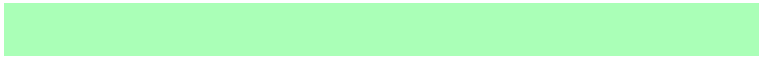
60.8848, 83.4849, 57.7050



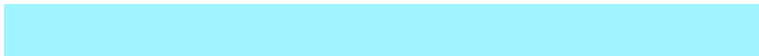
57.5960, 83.4849, 86.5824

Triad

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



60.8848, 83.4849, 57.7050



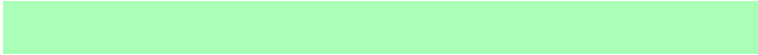
77.8273, 83.4849, 178.9280



103.0282, 83.4849, 63.5037

Complementary

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



60.8848, 83.4849, 57.7050



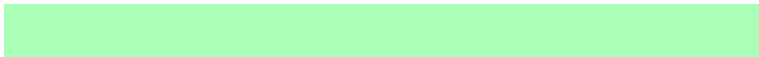
71.6419, 56.4208, 91.1181

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.



105.9893, 83.4849, 95.3605



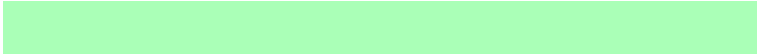
60.8848, 83.4849, 57.7050



90.5708, 83.4849, 168.0697

Square

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



60.8848, 83.4849, 57.7050



66.7041, 83.4849, 161.5448



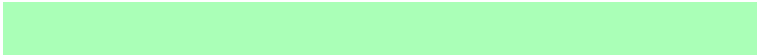
101.2152, 83.4849, 134.8725



93.5007, 83.4849, 44.6015

Rectangle

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



60.8848, 83.4849, 57.7050



58.3505, 83.4849, 111.8242



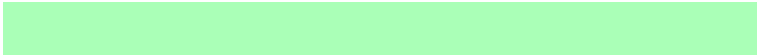
101.2152, 83.4849, 134.8725



104.8651, 83.4849, 72.7652

Sweetspot

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



60.8854, 83.4852, 57.7063



82.9981, 94.1665, 91.1925



79.7197, 93.3439, 51.8465



17.4298, 19.9933, 19.0217



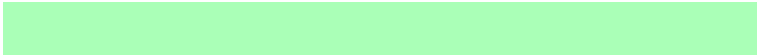
0.0000, 0.0000, 0.0000



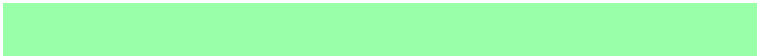
20.3446, 21.4041, 23.3091

Same Dimension

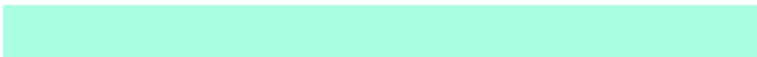
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.8854, 83.4852, 57.7063



56.0209, 81.1419, 50.0495



65.9627, 85.5161, 84.4432



17.8848, 20.2134, 19.6963



18.9103, 37.4607, 7.4128



1.8728, 3.6600, 0.8878

Inverse Universe

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



71.6419, 56.4208, 91.1181



68.2702, 50.2981, 88.0807



66.0113, 54.1685, 61.4675



18.6662, 18.2498, 22.1255



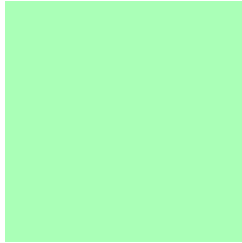
28.0702, 13.7174, 35.3495



2.7640, 1.3480, 3.6044

Previews

White Background



This preview shows how the XYZ color 60.8848, 83.4849, 57.7050 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 60.8848, 83.4849, 57.7050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

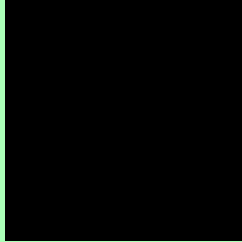
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8848, 83.4849, 57.7050

Background



This preview shows how black text looks on a background with the XYZ color 60.8848, 83.4849, 57.7050.



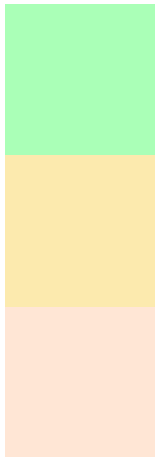
This preview shows how white text looks on a background with the XYZ color 60.8848, 83.4849,

57.7050.

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

60.8848, 83.4849, 57.7050

Protanopia

77.2077, 82.5971, 51.9179

Deuteranopia

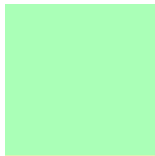
81.5471, 82.6577, 74.6073



Tritanopia

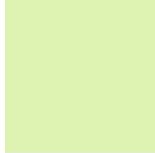
74.1339, 82.8271, 106.6877

Trichromacy



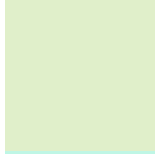
Original Color

60.8848, 83.4849, 57.7050



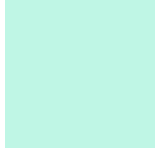
Protanomaly

69.8121, 82.2082, 53.7832



Deuteranomaly

72.2676, 81.8446, 67.8658



Tritanomaly

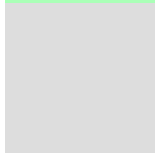
68.5845, 82.6450, 86.4660

Monochromacy



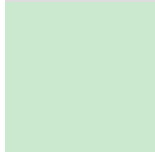
Original Color

60.8848, 83.4849, 57.7050



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

64.7585, 75.3394, 70.1603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8848, 83.4849, 57.7050 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(170, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(170, 255, 183)  
}
```

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(170, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 255, 183) }
```

Border

The CSS property to change the border of an element to XYZ 60.8848, 83.4849, 57.7050 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(170, 255, 183) }
```


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

```
.border{ border-color:rgb(170, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(170, 255,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8848, 83.4849, 57.7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 255, 183) }
```

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

```
.background{ background-color: rgb(170,  
255, 183) }
```

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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