

Converting Colors

XYZ(60.0477, 83.0460, 57.9989)

Have a look what the booklet for
XYZ(60.0477, 83.0460, 57.9989)
contains.

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Color

**XYZ(60.1376, 83.0877,
58.2153)**

Conversions

Conversions Part 1

Format	Color
Hex	A6FFB8
RGB	166, 255, 184
RGB Percent	65%, 100%, 72%
CMY	0.3490, 0.0000, 0.2784
CMYK	0.35, 0.00, 0.28, 0.00
HSL	132°, 100%, 83%
HSV	132°, 35%, 100%
XYZ	60.1376, 83.0877, 58.2153
YIQ	220.2950, -30.2530, -40.9490

Conversions

Conversions Part 2

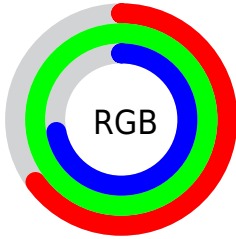
Format	Color
RYB	166, 240, 255
Decimal	10944440
CIELab	93.05, -40.81, 25.70
CIELCh	93, 48.225, 147.803
Yxy	83.0877, 0.2985, 0.4125
Android (android.graphics.Color)	4289134520 (0xFFA6FFB8)
YUV	220.2950, -17.8934, -47.6167
Hunter-Lab	91.1525, -41.7519, 25.9406

Details

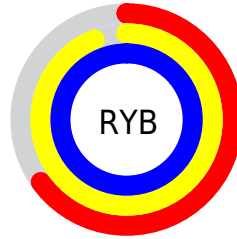
The XYZ color **60.1376, 83.0877, 58.2153** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **70.1624, 54.6473, 86.9702**, and the grayscale version is **68.3695, 71.9300, 78.3318**.

A 20% lighter version of the original color is **81.9196, 93.4992, 96.1676**, and **30.7212, 45.3419, 28.6054** is the 20% darker color. If you saturate the color by 10%, you get **53.3301, 79.8072, 47.5547**, and if you desaturate by 10%, it is **68.3127, 87.0377, 70.5432**.

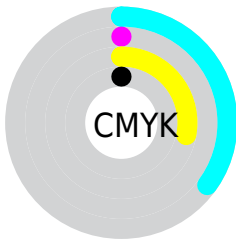
Distribution



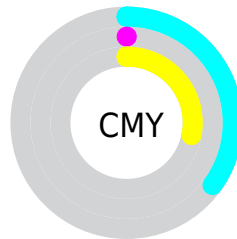
- Red (65%)
- Green (100%)
- Blue (72%)



- Red (65%)
- Yellow (94%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (35%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1376, 83.0877, 58.2153 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 60.1376, 83.0877, 58.2153 by changing the saturation by 10% instead.


 60.1376, 83.0877,
58.2153


 60.1376, 83.0877,
58.2153


414.9314,
505.2788, 435.6084

 43.7794, 62.2625,
41.5659

 104.1345,
137.6983, 103.7542

 30.6943, 45.2448,
28.4385


 132.5039,
172.2525, 133.4808

 20.5169, 31.6503,
18.4146


165.6077,
212.1518, 168.4035

 12.8818, 21.0946,
11.0755

203.8114,
257.7806, 208.9409

 7.4236, 13.1931,
6.0028

247.4803,
309.5233, 255.5116

 3.7771, 7.5617,
2.7780

296.9796,

 1.5768, 3.8158,

367.7643, 308.5340

0.9824

352.6749,
432.8880, 368.4268

■ 0.3772, 1.5711,
0.0000

■ 0.0000, 0.3380,
0.0000

■ 60.1376, 83.0877,
58.2153

■ 60.1376, 83.0877,
58.2153

■ 53.3301, 79.8072,
47.5547

■ 68.3127, 87.0377,
70.5432

■ 47.8124, 77.1577,
38.4859

■ 77.9236, 91.6911,
84.6017

■ 43.5017, 75.0982,
30.9334

■ 89.0362, 97.0805,
100.4554

■ 40.3042, 73.5820,
24.8140

95.0500, 100.0000,
108.9000

■ 38.1120, 72.5553,
20.0366

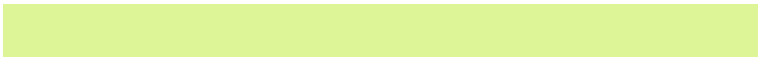
■ 36.7941, 71.9528,
16.4990

■ 36.3703, 71.7641,
15.1339

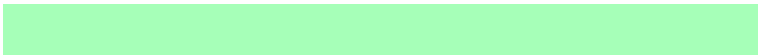
Harmonies

Analogous

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



68.1687, 83.0877, 41.8063



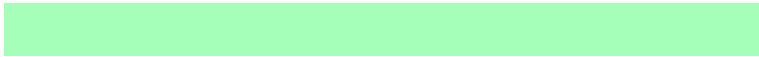
60.1376, 83.0877, 58.2153



57.0886, 83.0877, 87.8264

Triad

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



60.1376, 83.0877, 58.2153



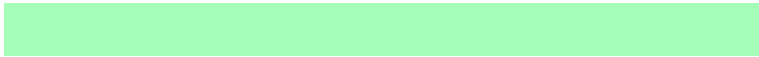
78.0444, 83.0877, 179.3811



102.4830, 83.0877, 61.7281

Complementary

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



60.1376, 83.0877, 58.2153



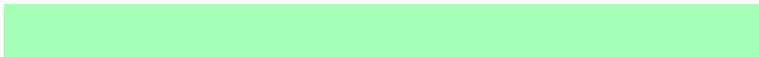
70.1624, 54.6473, 86.9702

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.



105.8363, 83.0877, 93.1628



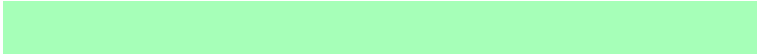
60.1376, 83.0877, 58.2153



90.8611, 83.0877, 167.0708

Square

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



60.1376, 83.0877, 58.2153



66.7163, 83.0877, 163.0868



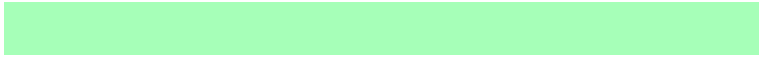
101.3787, 83.0877, 132.8595



92.6444, 83.0877, 43.4214

Rectangle

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



60.1376, 83.0877, 58.2153



58.0168, 83.0877, 113.4653



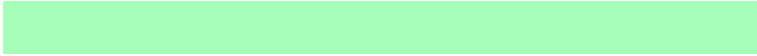
101.3787, 83.0877, 132.8595



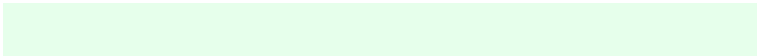
104.4492, 83.0877, 70.8098

Sweetspot

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



60.1382, 83.0879, 58.2166



83.1788, 94.2388, 92.1441



77.6350, 92.3122, 49.8033



17.4732, 20.0107, 19.2502



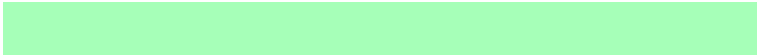
0.0000, 0.0000, 0.0000



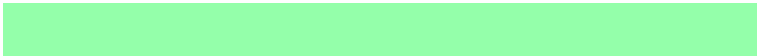
20.3446, 21.4041, 23.3091

Same Dimension

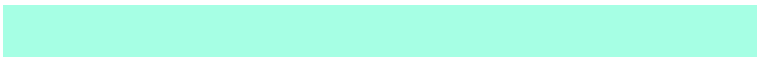
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.1382, 83.0879, 58.2166



55.1690, 80.6923, 50.4808



65.5315, 85.2453, 86.6178



17.9218, 20.2282, 19.8910



19.0463, 37.5151, 8.1293



1.8913, 3.6674, 0.9854

Inverse Universe

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



70.1624, 54.6473, 86.9702



66.5705, 48.3110, 83.1605



64.4688, 52.3699, 56.9879



18.6260, 18.2337, 21.9134



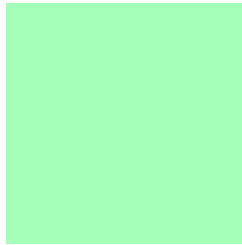
27.2629, 13.3945, 31.0987



2.6925, 1.3194, 3.2281

Previews

White Background



This preview shows how the XYZ color 60.1376, 83.0877, 58.2153 looks on a white background.

Color Contrast Check

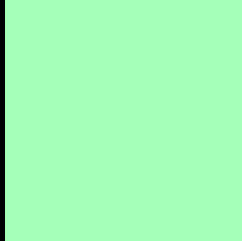
Large Text (above 18pt) WCAG AA × Fail

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 60.1376, 83.0877, 58.2153 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 60.1376, 83.0877, 58.2153

Background



This preview shows how black text looks on a background with the XYZ color 60.1376, 83.0877, 58.2153.

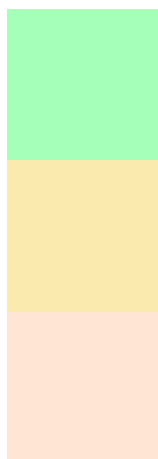


This preview shows how white text looks on a background with the XYZ color 60.1376, 83.0877,

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

60.1376, 83.0877, 58.2153

Protanopia

76.8465, 82.4109, 51.9010

Deuteranopia

81.1430, 82.0521, 73.8483



Tritanopia

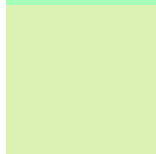
73.5927, 82.5481, 106.6624

Trichromacy



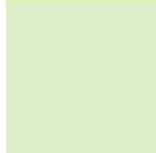
Original Color

60.1376, 83.0877, 58.2153



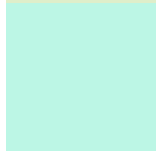
Protanomaly

69.3032, 81.9343, 54.2817



Deuteranomaly

71.6666, 81.1013, 67.7540



Tritanomaly

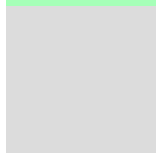
67.8377, 82.2600, 86.4311

Monochromacy



Original Color

60.1376, 83.0877, 58.2153



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.2208, 75.0622, 70.1351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1376, 83.0877, 58.2153 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(166, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 255, 184) }
```

Border

The CSS property to change the border of an element to XYZ 60.1376, 83.0877, 58.2153 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(166, 255, 184) }
```


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

```
.border{ border-color:rgb(166, 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(166, 255, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(166, 255,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1376, 83.0877, 58.2153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 255, 184) }
```

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

```
.background{ background-color: rgb(166,  
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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