

Converting Colors

XYZ(83.1477, 127.9651,
70.4912)

Have a look what the booklet for
XYZ(83.1477, 127.9651, 70.4912)
contains.

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Color

**XYZ(60.9027, 83.3696,
63.3341)**

Conversions

Conversions Part 1

Format	Color
Hex	A5FFC1
RGB	165, 255, 193
RGB Percent	65%, 100%, 76%
CMY	0.3529, 0.0000, 0.2431
CMYK	0.35, 0.00, 0.24, 0.00
HSL	139°, 100%, 82%
HSV	139°, 35%, 100%
XYZ	60.9027, 83.3696, 63.3341
YIQ	221.0220, -33.7380, -38.3620

Conversions

Conversions Part 2

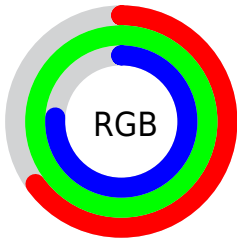
Format	Color
RYB	165, 234, 255
Decimal	10878913
CIELab	93.18, -39.53, 21.28
CIELCh	93, 44.894, 151.700
Yxy	83.3696, 0.2934, 0.4016
Android (android.graphics.Color)	4289068993 (0xFFA5FFC1)
YUV	221.0220, -13.8148, -49.1313
Hunter-Lab	91.3070, -40.7258, 22.7890

Details

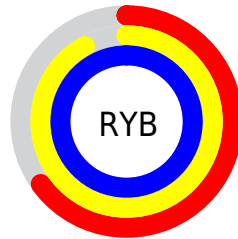
The XYZ color **60.9027, 83.3696, 63.3341** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **68.5605, 53.7170, 79.4277**, and the grayscale version is **68.8534, 72.4391, 78.8862**.

A 20% lighter version of the original color is **83.1395, 93.9517, 104.1951**, and **31.1610, 45.5035, 31.5668** is the 20% darker color. If you saturate the color by 10%, you get **54.2722, 80.1646, 53.3951**, and if you desaturate by 10%, it is **68.8246, 87.2134, 74.5513**.

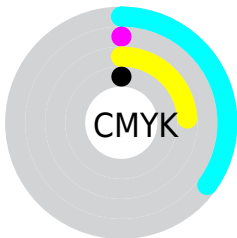
Distribution



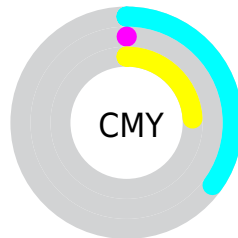
- Red (65%)
- Green (100%)
- Blue (76%)



- Red (65%)
- Yellow (92%)
- Blue (100%)



- Cyan (35%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (35%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9027, 83.3696, 63.3341 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 60.9027, 83.3696, 63.3341 by changing the saturation by 10% instead.


 60.9027, 83.3696,
63.3341

 60.9027, 83.3696,
63.3341


417.6988,
506.2175, 454.9223

 44.3989, 62.4951,
45.6688


 105.2370,
138.0930, 111.2416

 31.1835, 45.4329,
31.6378


 133.7981,
172.7107, 142.3209

 20.8911, 31.7985,
20.8225


167.1091,
212.6782, 178.7086

 13.1564, 21.2077,
12.8043

205.5352,
258.3800, 220.8233

 7.6141, 13.2759,
7.1648

249.4419,
310.2004, 269.0834

 3.8987, 7.6188,
3.4854

299.1945,

 1.6450, 3.8520,

368.5239, 323.9076

1.3475

355.1583,
433.7348, 385.7144

■ 0.4215, 1.5911,
0.1002

■ 0.0000, 0.3516,
0.0000

■ 60.9027, 83.3696,
63.3341

■ 60.9027, 83.3696,
63.3341

■ 54.2722, 80.1646,
53.3951

■ 68.8246, 87.2134,
74.5513

■ 48.8600, 77.5617,
44.6846

■ 78.1018, 91.7282,
87.0860

■ 44.5882, 75.5217,
37.1554

■ 88.7959, 96.9447,
100.9809

■ 41.3687, 74.0003,
30.7557

95.0500, 100.0000,
108.9000

■ 39.0996, 72.9461,
25.4298

■ 37.6567, 72.2962,
21.1166

■ 37.1835, 72.0894,
19.4163

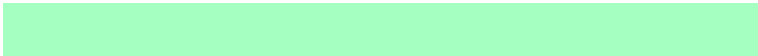
Harmonies

Analogous

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



67.9108, 83.3696, 45.9704



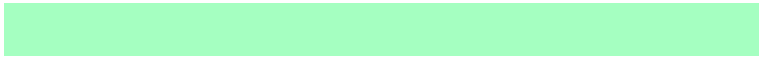
60.9027, 83.3696, 63.3341



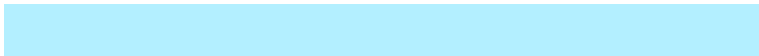
58.6647, 83.3696, 92.7160

Triad

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



60.9027, 83.3696, 63.3341



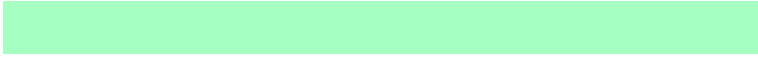
79.9151, 83.3696, 172.4027



100.1438, 83.3696, 60.7447

Complementary

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



60.9027, 83.3696, 63.3341



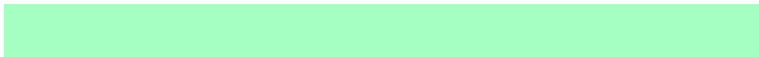
68.5605, 53.7170, 79.4277

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.



104.1391, 83.3696, 88.8619



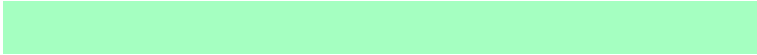
60.9027, 83.3696, 63.3341



91.7646, 83.3696, 158.0064

Square

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



60.9027, 83.3696, 63.3341



68.9677, 83.3696, 160.8112



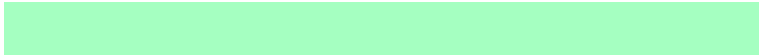
100.9324, 83.3696, 125.1797



90.4854, 83.3696, 44.7570

Rectangle

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



60.9027, 83.3696, 63.3341



59.9816, 83.3696, 116.9703



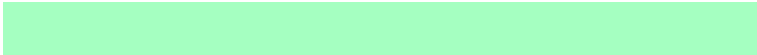
100.9324, 83.3696, 125.1797



102.2345, 83.3696, 68.8158

Sweetspot

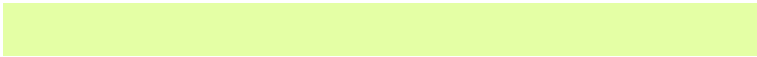
The Sweet Spot groups the original color and five complimentary colors.



60.9033, 83.3699, 63.3354



82.5162, 93.8801, 92.8826



74.5468, 90.7308, 49.1820



17.3574, 19.9457, 19.4830



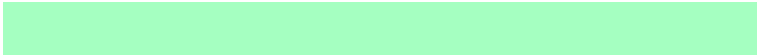
0.0000, 0.0000, 0.0000



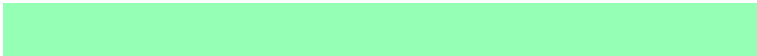
20.3446, 21.4041, 23.3091

Same Dimension

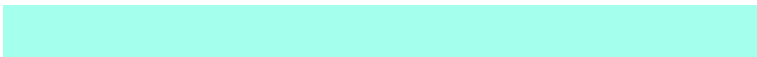
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.9033, 83.3699, 63.3354



56.3179, 81.1519, 56.5307



66.5636, 85.6340, 93.1418



18.0043, 20.2612, 20.3256



19.4879, 37.6917, 10.4544



1.9441, 3.6886, 1.2636

Inverse Universe

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



68.5605, 53.7170, 79.4277



64.9560, 47.6652, 74.6585



63.2429, 51.5899, 51.4251



18.5380, 18.1985, 21.4500



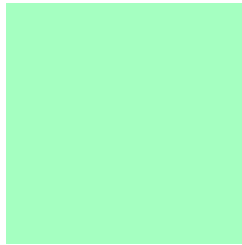
25.6964, 12.7679, 22.8496



2.5512, 1.2628, 2.4839

Previews

White Background



This preview shows how the XYZ color 60.9027, 83.3696, 63.3341 looks on a white background.

Color Contrast Check

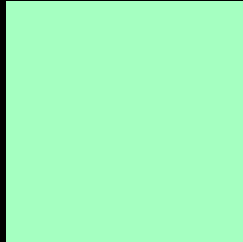
Large Text (above 18pt) WCAG AA × Fail

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 60.9027, 83.3696, 63.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

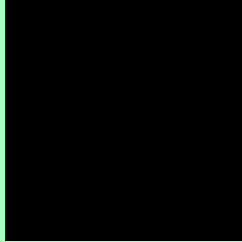
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

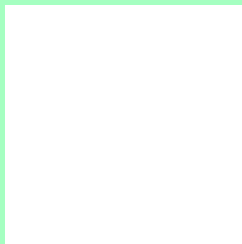
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9027, 83.3696, 63.3341

Background



This preview shows how black text looks on a background with the XYZ color 60.9027, 83.3696, 63.3341.

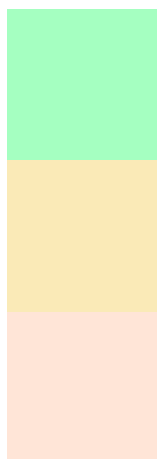


This preview shows how white text looks on a background with the XYZ color 60.9027, 83.3696, 63.3341.

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

60.9027, 83.3696, 63.3341

Protanopia

77.3944, 82.5885, 56.6618

Deuteranopia

81.5251, 82.2049, 75.8603



Tritanopia

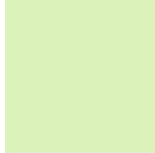
73.8895, 83.1418, 106.7613

Trichromacy



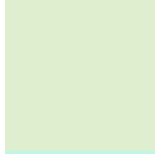
Original Color

60.9027, 83.3696, 63.3341



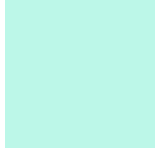
Protanomaly

69.9352, 82.1522, 59.1847



Deuteranomaly

71.9612, 81.1837, 70.9087



Tritanomaly

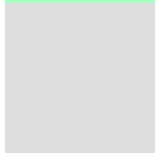
68.5653, 83.0391, 88.7583

Monochromacy



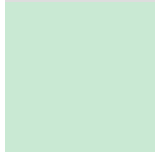
Original Color

60.9027, 83.3696, 63.3341



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

64.9842, 75.3985, 72.7563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9027, 83.3696, 63.3341 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(165, 255, 193)` looks like.

```
.text, #text, p{  
    color:rgb(165, 255, 193)  
}
```

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(165, 255, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 255, 193) }
```

Border

The CSS property to change the border of an element to XYZ 60.9027, 83.3696, 63.3341 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(165, 255, 193) }
```


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

```
.border{ border-color:rgb(165, 255, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 255, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 255, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 255, 193);  
box-shadow:4px 4px 4px 4px rgb(165, 255,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9027, 83.3696, 63.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 255, 193) }
```

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

```
.background{ background-color: rgb(165,  
255, 193) }
```

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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