

Converting Colors

XYZ(62.5071, 84.0427, 60.4131)

Have a look what the booklet for
XYZ(62.5071, 84.0427, 60.4131)
contains.

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Color

**XYZ(62.7416, 84.3809,
60.5573)**

Conversions

Conversions Part 1

Format	Color
Hex	B0FFBC
RGB	176, 255, 188
RGB Percent	69%, 100%, 74%
CMY	0.3098, 0.0000, 0.2627
CMYK	0.31, 0.00, 0.26, 0.00
HSL	129°, 100%, 85%
HSV	129°, 31%, 100%
XYZ	62.7416, 84.3809, 60.5573
YIQ	223.7410, -25.5770, -37.5850

Conversions

Conversions Part 2

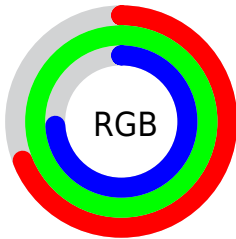
Format	Color
RYB	176, 245, 255
Decimal	11599804
CIELab	93.62, -37.13, 24.52
CIElCh	94, 44.493, 146.560
Yxy	84.3809, 0.3021, 0.4063
Android (android.graphics.Color)	4289789884 (0xFFB0FFBC)
YUV	223.7410, -17.6203, -41.8689
Hunter-Lab	91.8591, -38.8343, 25.2149

Details

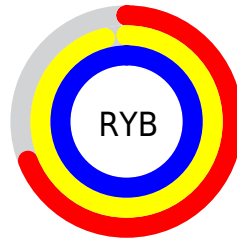
The XYZ color **62.7416, 84.3809, 60.5573** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **72.9432, 58.7823, 92.2950**, and the grayscale version is **70.8012, 74.4884, 81.1178**.

A 20% lighter version of the original color is **85.6934, 95.3753, 99.4807**, and **32.3823, 46.1743, 29.7601** is the 20% darker color. If you saturate the color by 10%, you get **55.3477, 80.8187, 48.9400**, and if you desaturate by 10%, it is **71.5691, 88.6418, 74.0680**.

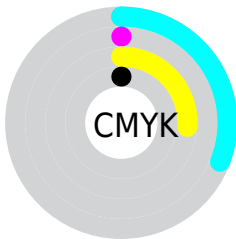
Distribution



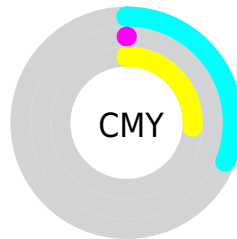
- Red (69%)
- Green (100%)
- Blue (74%)



- Red (69%)
- Yellow (96%)
- Blue (100%)



- Cyan (31%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (31%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7416, 84.3809, 60.5573 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 62.7416, 84.3809, 60.5573 by changing the saturation by 10% instead.


 62.7416, 84.3809,
60.5573

 62.7416, 84.3809,
60.5573


424.3057,
509.5772, 444.5105

 45.8901, 63.3300,
43.4398


 107.8805,
139.5079, 107.1890

 32.3633, 46.1082,
29.8964


136.8987,
174.3527, 137.5401

 21.7961, 32.3312,
19.5085


170.7030,
214.5643, 173.1396

 13.8229, 21.6146,
11.8578

209.6589,
260.5270, 214.4060

 8.0785, 13.5740,
6.5256

254.1318,
312.6253, 261.7577

 4.1974, 7.8250,
3.0933

304.4870,

 1.8144, 3.9832,

371.2435, 315.6133

1.1425

361.0898,
436.7660, 376.3914

■ 0.5263, 1.6641,
0.0000

■ 0.0000, 0.4003,
0.0000

■ 62.7416, 84.3809,
60.5573

■ 62.7416, 84.3809,
60.5573

■ 55.3477, 80.8187,
48.9400

■ 71.5691, 88.6418,
74.0680

■ 49.3092, 77.9167,
39.1276

■ 81.8989, 93.6351,
89.5470

■ 44.5435, 75.6341,
31.0307

■ 93.7975, 99.3935,
107.0705

■ 40.9576, 73.9253,
24.5504

■ 95.0500, 100.0000,
108.9000

■ 38.4459, 72.7379,
19.5780

■ 36.8834, 72.0102,
15.9911

■ 36.1219, 71.6647,
13.8256

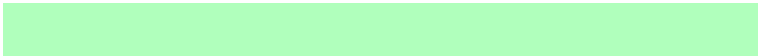
Harmonies

Analogous

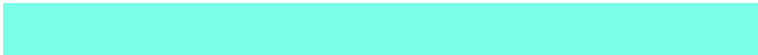
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.4912, 84.3809, 45.2000



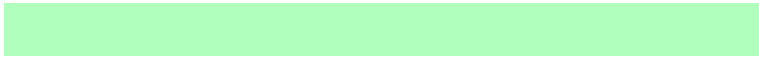
62.7416, 84.3809, 60.5573



59.6444, 84.3809, 88.0381

Triad

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



62.7416, 84.3809, 60.5573



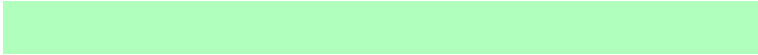
78.8498, 84.3809, 173.0614



102.2225, 84.3809, 65.8092

Complementary

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



62.7416, 84.3809, 60.5573



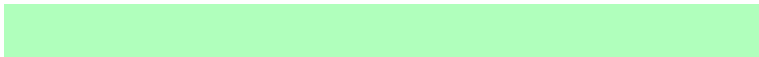
72.9432, 58.7823, 92.2950

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.



105.0104, 84.3809, 95.8248



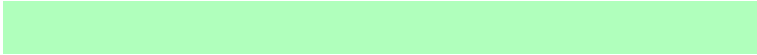
62.7416, 84.3809, 60.5573



90.7650, 84.3809, 162.9966

Square

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



62.7416, 84.3809, 60.5573



68.3528, 84.3809, 157.3576



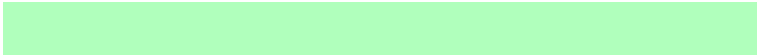
100.6328, 84.3809, 132.4732



93.3461, 84.3809, 47.6698

Rectangle

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



62.7416, 84.3809, 60.5573



60.3854, 84.3809, 111.6401



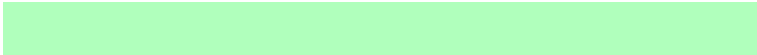
100.6328, 84.3809, 132.4732



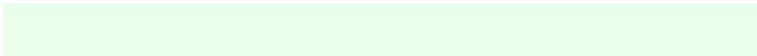
103.9381, 84.3809, 74.5948

Sweetspot

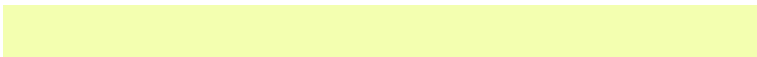
The Sweet Spot groups the original color and five complimentary colors.



62.7422, 84.3812, 60.5586



84.1280, 94.7134, 92.8517



80.6107, 93.7361, 54.9194



17.6549, 20.1023, 19.3526



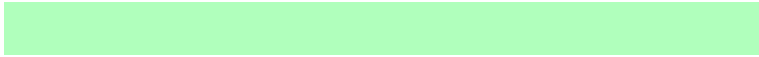
0.0000, 0.0000, 0.0000



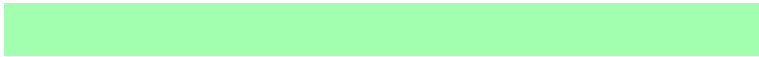
20.3446, 21.4041, 23.3091

Same Dimension

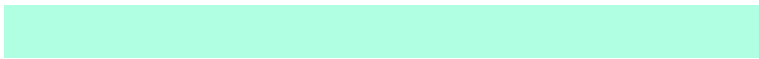
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.7422, 84.3812, 60.5586



58.1237, 82.1552, 53.3427



67.5784, 86.3157, 86.0258



17.8840, 20.2131, 19.6922



18.9078, 37.4597, 7.3998



1.8724, 3.6599, 0.8858

Inverse Universe

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



72.9432, 58.7823, 92.2950



69.7513, 52.9586, 89.5044



67.6229, 56.6542, 64.2788



18.6671, 18.2501, 22.1300



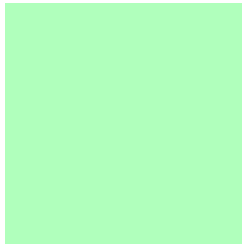
28.0879, 13.7245, 35.4429



2.7655, 1.3486, 3.6127

Previews

White Background



This preview shows how the XYZ color 62.7416, 84.3809, 60.5573 looks on a white background.

Color Contrast Check

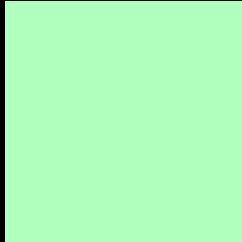
Large Text (above 18pt) WCAG AA × Fail

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 62.7416, 84.3809, 60.5573 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

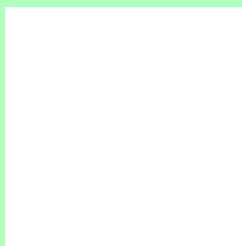
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7416, 84.3809, 60.5573

Background



This preview shows how black text looks on a background with the XYZ color 62.7416, 84.3809, 60.5573.



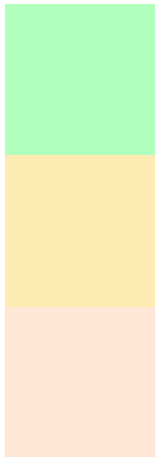
This preview shows how white text looks on a background with the XYZ color 62.7416, 84.3809,

60.5573.

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

62.7416, 84.3809, 60.5573

Protanopia

77.9899, 83.3668, 54.6287

Deuteranopia

82.2106, 83.3697, 76.7247



Tritanopia

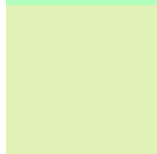
75.8146, 84.1342, 106.8514

Trichromacy



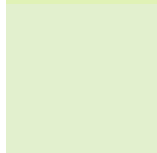
Original Color

62.7416, 84.3809, 60.5573



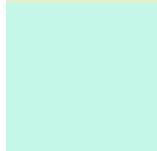
Protanomaly

70.9361, 82.7290, 56.4855



Deuteranomaly

73.6647, 82.9452, 70.5200



Tritanomaly

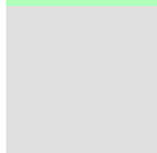
70.4495, 84.0268, 88.1070

Monochromacy



Original Color

62.7416, 84.3809, 60.5573



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

67.1983, 77.3852, 73.0231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7416, 84.3809, 60.5573 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(176, 255, 188)` looks like.

```
.text, #text, p{  
    color:rgb(176, 255, 188)  
}
```

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(176, 255, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 255, 188) }
```

Border

The CSS property to change the border of an element to XYZ 62.7416, 84.3809, 60.5573 is called "border". The border property can be set on classes, ids or directly on the HTML element.

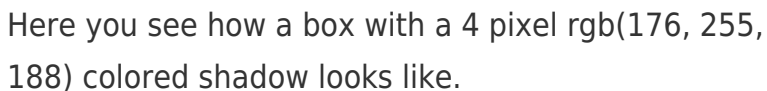
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 255, 188) }
```


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

```
.border{ border-color:rgb(176, 255, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 255, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 255, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 255, 188); box-shadow:4px 4px 4px 4px rgb(176, 255, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7416, 84.3809, 60.5573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 255, 188) }
```

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

```
.background{ background-color: rgb(176,  
255, 188) }
```

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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