

Converting Colors

XYZ(61.6048, 84.0377, 49.5345)

Have a look what the booklet for
XYZ(61.6048, 84.0377, 49.5345)
contains.

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Color

**XYZ(61.5574, 84.0133,
49.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	B4FFA7
RGB	180, 255, 167
RGB Percent	71%, 100%, 65%
CMY	0.2941, 0.0000, 0.3451
CMYK	0.29, 0.00, 0.35, 0.00
HSL	111°, 100%, 83%
HSV	111°, 35%, 100%
XYZ	61.5574, 84.0133, 49.5310
YIQ	222.5430, -16.4520, -43.2680

Conversions

Conversions Part 2

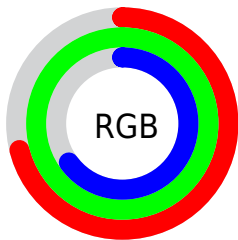
Format	Color
RYB	167, 255, 242
Decimal	11861927
CIELab	93.46, -39.20, 34.90
CIELCh	93, 52.483, 138.318
Yxy	84.0133, 0.3155, 0.4306
Android (android.graphics.Color)	4290052007 (0xFFB4FFA7)
YUV	222.5430, -27.3827, -37.3102
Hunter-Lab	91.6588, -40.5235, 32.1217

Details

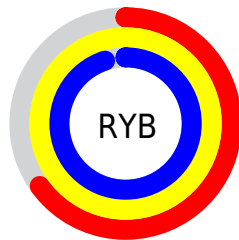
The XYZ color **61.5574, 84.0133, 49.5310** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **68.4878, 53.7360, 101.3701**, and the grayscale version is **70.0110, 73.6570, 80.2125**.

A 20% lighter version of the original color is **84.3392, 95.0249, 83.7085**, and **31.6888, 45.9630, 23.1212** is the 20% darker color. If you saturate the color by 10%, you get **54.7584, 80.7543, 38.0969**, and if you desaturate by 10%, it is **69.6155, 87.8676, 63.4527**.

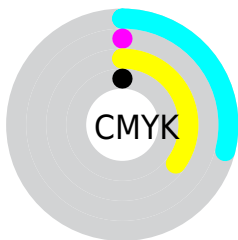
Distribution



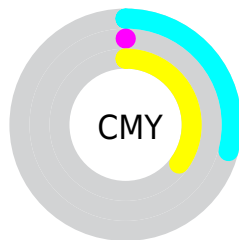
- Red (71%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (95%)



- Cyan (29%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5574, 84.0133, 49.5310 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 61.5574, 84.0133, 49.5310 by changing the saturation by 10% instead.

61.5574, 84.0133,
49.5310

61.5574, 84.0133,
49.5310

420.0581,
508.3574, 401.5114

44.9294, 63.0264,
34.6723

106.1791,
138.9938, 90.8687

31.6029, 45.8626,
23.1290

134.9036,
173.7562, 118.1849

21.2124, 32.1374,
14.4826

168.3909,
213.8792, 150.4906

13.3927, 21.4665,
8.3145

207.0065,
259.7472, 188.2044

7.7784, 13.4654,
4.2062

251.1157,
311.7447, 231.7448

4.0041, 7.7498,
1.7391

301.0837,

1.7044, 3.9353,

370.2559, 281.5304

0.3873

357.2761,
435.6654, 337.9798

0.4590, 1.6374,
0.0000

0.0000, 0.3826,
0.0000

61.5574, 84.0133,
49.5310

61.5574, 84.0133,
49.5310

54.7584, 80.7543,
38.0969

69.6155, 87.8676,
63.4527

49.1528, 78.0601,
29.0003

78.9909, 92.3444,
79.9925

44.6710, 75.8981,
22.0808

89.7400, 97.4701,
99.2764

41.2352, 74.2323,
17.1564

95.0500, 100.0000,
108.9000

■ 38.7577, 73.0221,
14.0154

■ 37.1351, 72.2197,
12.3981

■ 36.5471, 71.9257,
11.9568

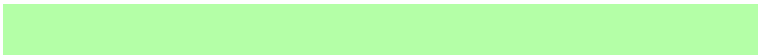
Harmonies

Analogous

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



71.7662, 84.0133, 36.4685



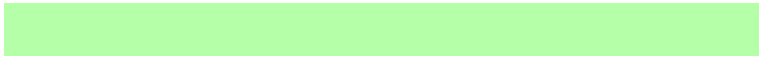
61.5574, 84.0133, 49.5310



56.4951, 84.0133, 76.8764

Triad

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



61.5574, 84.0133, 49.5310



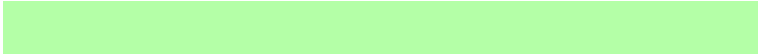
74.5768, 84.0133, 188.4178



107.9162, 84.0133, 69.5254

Complementary

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



61.5574, 84.0133, 49.5310



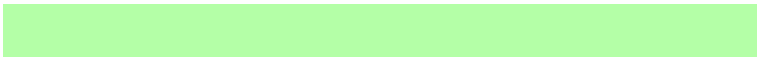
68.4878, 53.7360, 101.3701

Split Complementary

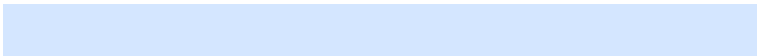
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



108.8950, 84.0133, 107.8164



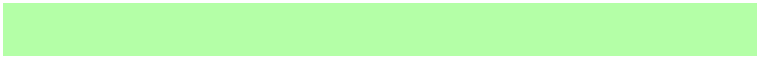
61.5574, 84.0133, 49.5310



88.5237, 84.0133, 184.7408

Square

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



61.5574, 84.0133, 49.5310



63.4093, 84.0133, 161.1337



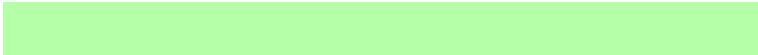
101.4538, 84.0133, 152.1938



98.9168, 84.0133, 45.4962

Rectangle

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



61.5574, 84.0133, 49.5310



56.2796, 84.0133, 102.9669



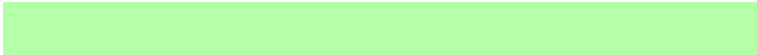
101.4538, 84.0133, 152.1938



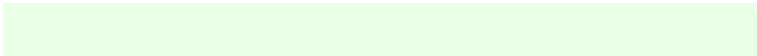
109.2295, 84.0133, 80.8739

Sweetspot

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



61.5579, 84.0135, 49.5323



83.6642, 94.5737, 88.3403



79.9080, 87.4356, 49.2257



17.5893, 20.0909, 18.3386



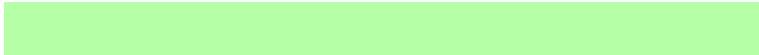
0.0000, 0.0000, 0.0000



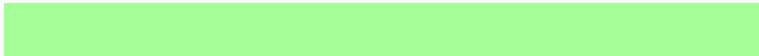
20.3446, 21.4041, 23.3091

Same Dimension

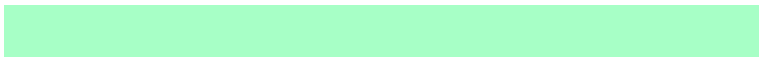
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.5579, 84.0135, 49.5323



57.0048, 81.8320, 41.8352



61.8671, 83.8039, 66.2213



18.0212, 20.2968, 19.1122



19.1711, 37.6212, 6.2512



1.9372, 3.6994, 0.6120

Inverse Universe

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



68.4878, 53.7360, 101.3701



64.8132, 47.6244, 100.3841



68.5410, 54.2911, 77.5307



18.5135, 18.1564, 22.7787



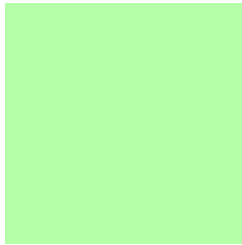
24.5359, 11.5592, 50.3725



2.4576, 1.1609, 4.9078

Previews

White Background



This preview shows how the XYZ color 61.5574, 84.0133, 49.5310 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 61.5574, 84.0133, 49.5310 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

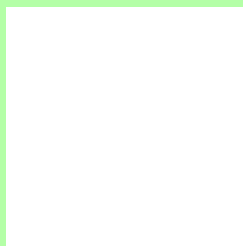
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5574, 84.0133, 49.5310

Background



This preview shows how black text looks on a background with the XYZ color 61.5574, 84.0133, 49.5310.

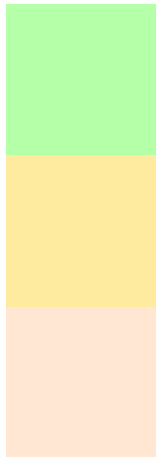


This preview shows how white text looks on a background with the XYZ color 61.5574, 84.0133,

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

61.5574, 84.0133, 49.5310

Protanopia

77.2063, 83.1799, 44.7870

Deuteranopia

81.5738, 83.1150, 73.3714



Tritanopia

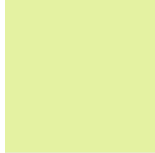
75.7998, 83.6859, 106.7657

Trichromacy



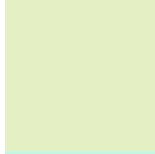
Original Color

61.5574, 84.0133, 49.5310



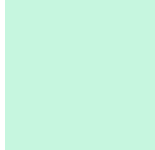
Protanomaly

70.2686, 82.6069, 46.4236



Deuteranomaly

73.0053, 82.7543, 63.7551



Tritanomaly

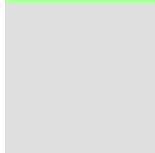
69.5638, 83.2450, 82.2135

Monochromacy



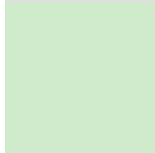
Original Color

61.5574, 84.0133, 49.5310



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.2199, 76.9939, 67.8711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5574, 84.0133, 49.5310 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(180, 255, 167)` looks like.

```
.text, #text, p{  
    color:rgb(180, 255, 167)  
}
```

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(180, 255, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 255, 167) }
```

Border

The CSS property to change the border of an element to XYZ 61.5574, 84.0133, 49.5310 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(180, 255, 167) }
```


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

```
.border{ border-color:rgb(180, 255, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 255, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 255, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 255, 167);  
box-shadow:4px 4px 4px 4px rgb(180, 255,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5574, 84.0133, 49.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 255, 167) }
```

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

```
.background{ background-color: rgb(180,  
255, 167) }
```

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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