

Converting Colors

XYZ(61.8955, 84.0887, 54.0169)

Have a look what the booklet for
XYZ(61.8955, 84.0887, 54.0169)
contains.

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Color

**XYZ(61.9566, 84.1196,
54.0455)**

Conversions

Conversions Part 1

Format	Color
Hex	B2FFB0
RGB	178, 255, 176
RGB Percent	70%, 100%, 69%
CMY	0.3020, 0.0000, 0.3098
CMYK	0.30, 0.00, 0.31, 0.00
HSL	118°, 100%, 85%
HSV	118°, 31%, 100%
XYZ	61.9566, 84.1196, 54.0455
YIQ	222.9710, -20.5330, -40.8930

Conversions

Conversions Part 2

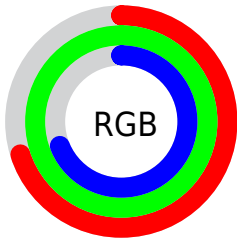
Format	Color
RYB	176, 255, 253
Decimal	11730864
CIELab	93.50, -38.46, 30.44
CIELCh	94, 49.053, 141.639
Yxy	84.1196, 0.3096, 0.4203
Android (android.graphics.Color)	4289920944 (0xFFB2FFB0)
YUV	222.9710, -23.1567, -39.4396
Hunter-Lab	91.7167, -39.9238, 29.2642

Details

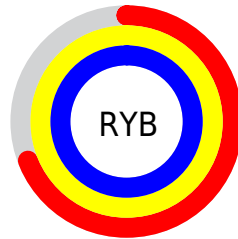
The XYZ color **61.9566, 84.1196, 54.0455** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **74.0842, 59.1545, 102.1210**, and the grayscale version is **70.2881, 73.9485, 80.5299**.

A 20% lighter version of the original color is **84.5864, 95.0084, 90.2242**, and **31.9376, 46.0292, 25.9401** is the 20% darker color. If you saturate the color by 10%, you get **54.4701, 80.5248, 41.7387**, and if you desaturate by 10%, it is **70.9512, 88.4370, 68.8992**.

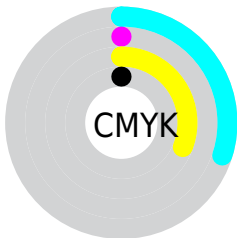
Distribution



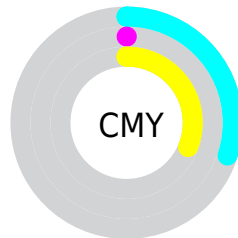
- Red (70%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (99%)



- Cyan (30%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)




- Cyan (30%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9566, 84.1196, 54.0455 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 61.9566, 84.1196, 54.0455 by changing the saturation by 10% instead.


 61.9566, 84.1196,
54.0455

 61.9566, 84.1196,
54.0455


421.4928,
508.7103, 419.4630

 45.2531, 63.1142,
38.2446


 106.7531,
139.1425, 97.5981

 31.8590, 45.9336,
25.8693


135.5768,
173.9287, 126.1869

 21.4088, 32.1934,
16.5010


169.1713,
214.0773, 159.8755

 13.5373, 21.5093,
9.7212

207.9019,
259.9728, 199.0823

 7.8791, 13.4968,
5.1113

252.1340,
311.9994, 244.2259

 4.0688, 7.7715,
2.2528

302.2330,

 1.7412, 3.9491,

370.5416, 295.7249

0.7046

358.5641,
435.9838, 353.9977

■ 0.4818, 1.6451,
0.0000

■ 0.0000, 0.3877,
0.0000

■ 61.9566, 84.1196,
54.0455

■ 61.9566, 84.1196,
54.0455

■ 54.4701, 80.5248,
41.7387

■ 70.9512, 88.4370,
68.8992

■ 48.4079, 77.6126,
31.8322

■ 81.5287, 93.5129,
86.4276

■ 43.6800, 75.3400,
24.1706

■ 93.7605, 99.3814,
106.7543

■ 40.1859, 73.6588,
18.5786

■ 95.0500, 100.0000,
108.9000

■ 37.8107, 72.5143,
14.8548

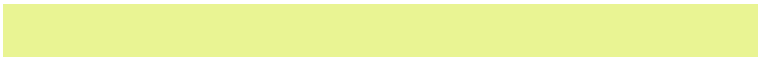
■ 36.4178, 71.8412,
12.7581

■ 35.8408, 71.5616,
11.9238

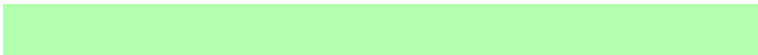
Harmonies

Analogous

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



71.1088, 84.1196, 39.9681



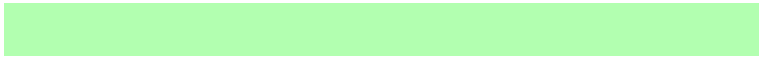
61.9566, 84.1196, 54.0455



57.7394, 84.1196, 81.5977

Triad

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



61.9566, 84.1196, 54.0455



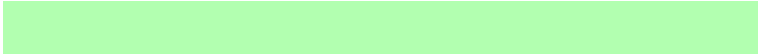
76.3827, 84.1196, 181.9362



105.4346, 84.1196, 67.7081

Complementary

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



61.9566, 84.1196, 54.0455



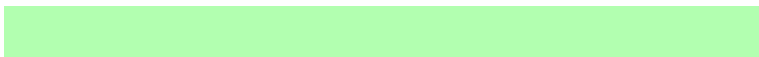
74.0842, 59.1545, 102.1210

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.



107.2387, 84.1196, 102.3706



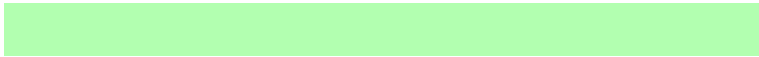
61.9566, 84.1196, 54.0455



89.5020, 84.1196, 175.2685

Square

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



61.9566, 84.1196, 54.0455



65.4589, 84.1196, 159.7491



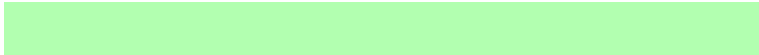
101.1353, 84.1196, 143.4271



96.4431, 84.1196, 46.2431

Rectangle

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



61.9566, 84.1196, 54.0455



57.9389, 84.1196, 106.7622



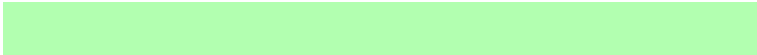
101.1353, 84.1196, 143.4271



106.9379, 84.1196, 77.9314

Sweetspot

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



61.9571, 84.1198, 54.0468



83.8164, 94.6106, 90.2252



84.0024, 94.2461, 54.8394



17.5789, 20.0772, 18.7121



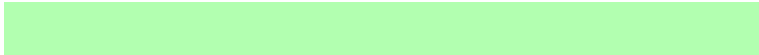
0.0000, 0.0000, 0.0000



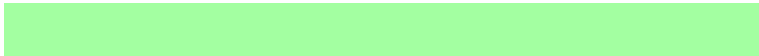
20.3446, 21.4041, 23.3091

Same Dimension

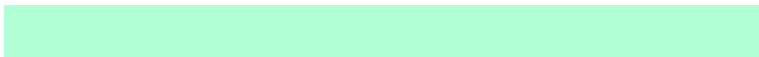
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.9571, 84.1198, 54.0468



57.2741, 81.8713, 46.3407



65.6585, 85.5478, 75.9147



17.8140, 20.1900, 19.1025



18.7459, 37.4020, 6.2313



1.8395, 3.6491, 0.6074

Inverse Universe

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



74.0842, 59.1545, 102.1210



71.1009, 53.3976, 101.1671



69.4383, 57.3806, 73.8377



18.7445, 18.2756, 22.7895



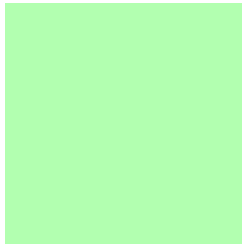
29.7812, 14.2632, 50.6180



2.9135, 1.3959, 4.9291

Previews

White Background



This preview shows how the XYZ color 61.9566, 84.1196, 54.0455 looks on a white background.

Color Contrast Check

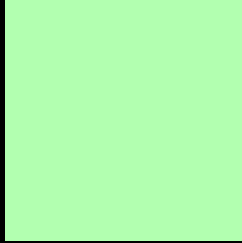
Large Text (above 18pt) WCAG AA × Fail

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 61.9566, 84.1196, 54.0455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

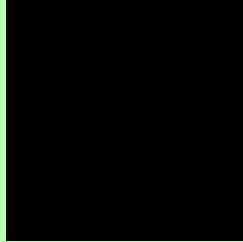
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9566, 84.1196, 54.0455

Background



This preview shows how black text looks on a background with the XYZ color 61.9566, 84.1196, 54.0455.



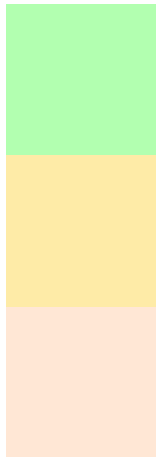
This preview shows how white text looks on a background with the XYZ color 61.9566, 84.1196,

54.0455.

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

61.9566, 84.1196, 54.0455

Protanopia

77.5564, 83.2775, 48.5457

Deuteranopia

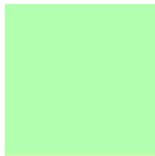
81.8262, 83.2159, 74.7004



Tritanopia

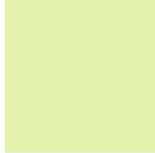
75.5177, 83.5405, 106.7525

Trichromacy



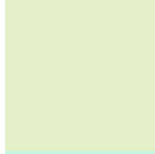
Original Color

61.9566, 84.1196, 54.0455



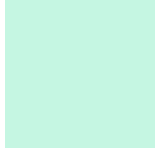
Protanomaly

70.3719, 82.5753, 50.2598



Deuteranomaly

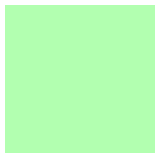
73.2640, 82.8212, 66.7682



Tritanomaly

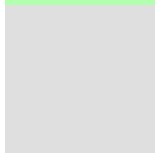
69.7092, 83.2728, 84.3507

Monochromacy



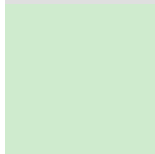
Original Color

61.9566, 84.1196, 54.0455



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.5810, 77.1383, 69.7725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9566, 84.1196, 54.0455 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(178, 255, 176)` looks like.

```
.text, #text, p{  
    color:rgb(178, 255, 176)  
}
```

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(178, 255, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 255, 176) }
```

Border

The CSS property to change the border of an element to XYZ 61.9566, 84.1196, 54.0455 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(178, 255, 176) }
```


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

```
.border{ border-color:rgb(178, 255, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 255, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 255, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 255, 176);  
box-shadow:4px 4px 4px 4px rgb(178, 255,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9566, 84.1196, 54.0455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 255, 176) }
```

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

```
.background{ background-color: rgb(178,  
255, 176) }
```

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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