

Converting Colors

XYZ(101.1434, 165.0903,
55.2585)

Have a look what the booklet for
XYZ(101.1434, 165.0903, 55.2585)
contains.

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Color

**XYZ(60.3211, 83.5458,
41.8009)**

Conversions

Conversions Part 1

Format	Color
Hex	B5FF96
RGB	181, 255, 150
RGB Percent	71%, 100%, 59%
CMY	0.2902, 0.0000, 0.4118
CMYK	0.29, 0.00, 0.41, 0.00
HSL	102°, 100%, 79%
HSV	102°, 41%, 100%
XYZ	60.3211, 83.5458, 41.8009
YIQ	220.9040, -10.3990, -48.3430

Conversions

Conversions Part 2

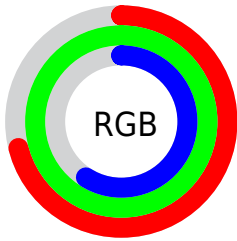
Format	Color
RYB	150, 255, 224
Decimal	11927446
CIELab	93.25, -41.24, 43.01
CIElCh	93, 59.583, 133.794
Yxy	83.5458, 0.3249, 0.4500
Android (android.graphics.Color)	4290117526 (0xFFB5FF96)
YUV	220.9040, -34.9557, -34.9958
Hunter-Lab	91.4034, -42.1560, 36.8677

Details

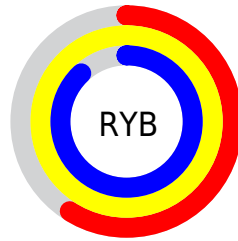
The XYZ color **60.3211, 83.5458, 41.8009** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **59.6981, 44.8814, 100.1243**, and the grayscale version is **68.9023, 72.4906, 78.9423**.

A 20% lighter version of the original color is **82.3760, 94.2785, 71.6135**, and **30.8092, 45.6112, 18.4893** is the 20% darker color. If you saturate the color by 10%, you get **54.5401, 80.7776, 31.9531**, and if you desaturate by 10%, it is **67.0932, 86.7733, 54.0297**.

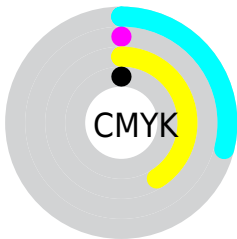
Distribution



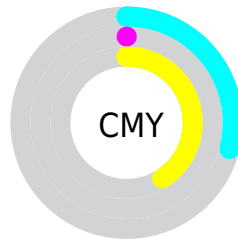
- Red (71%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (88%)



- Cyan (29%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3211, 83.5458, 41.8009 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 60.3211, 83.5458, 41.8009 by changing the saturation by 10% instead.


 60.3211, 83.5458,
41.8009


 60.3211, 83.5458,
41.8009


415.5961,
506.8037, 369.4322

 43.9280, 62.6405,
28.6210


 104.3990,
138.3396, 79.1650

 30.8115, 45.5504,
18.5512


 132.8145,
172.9970, 104.1864

 20.6065, 31.8912,
11.1729


165.9681,
213.0071, 133.9920

 12.9475, 21.2784,
6.0676

204.2253,
258.7545, 169.0003

 7.4691, 13.3277,
2.8168

247.9513,
310.6234, 209.6300

 3.8061, 7.6546,
1.0019

297.5116,

 1.5930, 3.8747,

368.9983, 256.2995

0.0000

353.2714,
434.2636, 309.4274

0.3879, 1.6037,
0.0000

0.0000, 0.3601,
0.0000

60.3211, 83.5458,
41.8009

60.3211, 83.5458,
41.8009

54.5401, 80.7776,
31.9531

67.0932, 86.7733,
54.0297

49.6994, 78.4458,
24.3273

74.9017, 90.4804,
68.7769

45.7444, 76.5263,
18.7512

83.7898, 94.6865,
86.1741

42.6142, 74.9918,
15.0255

93.7984, 99.4101,
106.3424

■ 40.2381, 73.8112, 95.0500, 100.0000,
12.9110 108.9000

■ 38.6837, 73.0272,
12.0568

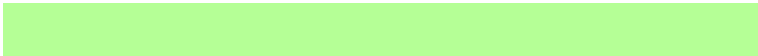
Harmonies

Analogous

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



72.4357, 83.5458, 30.2498



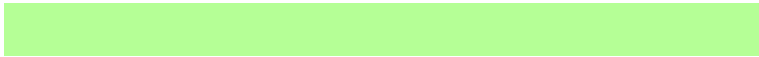
60.3211, 83.5458, 41.8009



53.8382, 83.5458, 68.9395

Triad

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



60.3211, 83.5458, 41.8009



71.2891, 83.5458, 201.5877



112.4241, 83.5458, 71.8982

Complementary

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



60.3211, 83.5458, 41.8009



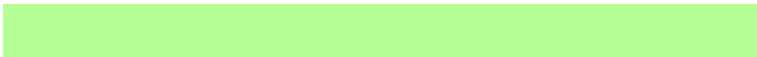
59.6981, 44.8814, 100.1243

Split Complementary

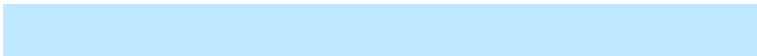
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



112.0106, 83.5458, 117.2485



60.3211, 83.5458, 41.8009



86.8135, 83.5458, 203.1904

Square

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



60.3211, 83.5458, 41.8009



59.5773, 83.5458, 164.7409



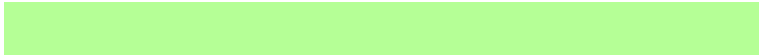
102.1476, 83.5458, 168.5878



103.2124, 83.5458, 43.3496

Rectangle

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



60.3211, 83.5458, 41.8009



52.9696, 83.5458, 96.7996



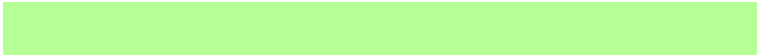
102.1476, 83.5458, 168.5878



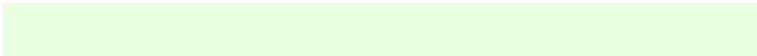
113.4400, 83.5458, 85.3739

Sweetspot

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



60.3215, 83.5459, 41.8022



83.0150, 94.3203, 84.6361



73.2670, 76.5055, 39.7609



17.5092, 20.0658, 17.6024



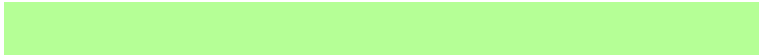
0.0000, 0.0000, 0.0000



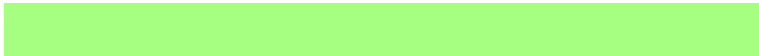
20.3446, 21.4041, 23.3091

Same Dimension

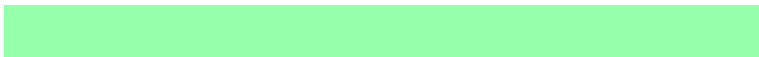
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.3215, 83.5459, 41.8022



55.7159, 81.3418, 33.9007



55.6892, 80.9447, 51.2181



18.2755, 20.4279, 19.1241



20.3422, 38.2249, 6.3060



2.0844, 3.7753, 0.6188

Inverse Universe

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



59.6981, 44.8814, 100.1243



54.9862, 38.1213, 99.0678



66.9982, 49.0142, 83.7719



18.2398, 18.0153, 22.7659



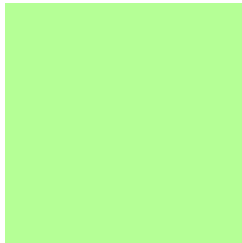
19.3892, 8.9060, 50.1317



1.9974, 0.9236, 4.8863

Previews

White Background



This preview shows how the XYZ color 60.3211, 83.5458, 41.8009 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 60.3211, 83.5458, 41.8009 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

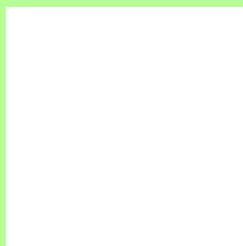
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3211, 83.5458, 41.8009

Background



This preview shows how black text looks on a background with the XYZ color 60.3211, 83.5458, 41.8009.



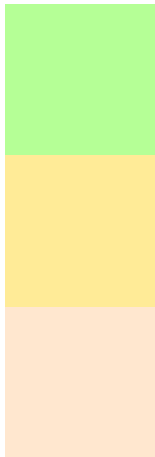
This preview shows how white text looks on a background with the XYZ color 60.3211, 83.5458,

41.8009.

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

60.3211, 83.5458, 41.8009

Protanopia

76.5342, 82.9110, 41.2478

Deuteranopia

81.0784, 82.9168, 70.7627



Tritanopia

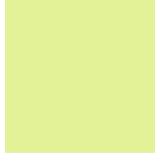
75.5046, 83.0955, 106.6673

Trichromacy



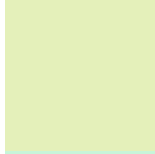
Original Color

60.3211, 83.5458, 41.8009



Protanomaly

69.3330, 82.2326, 41.4964



Deuteranomaly

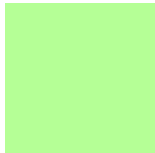
72.0179, 82.3593, 58.5556



Tritanomaly

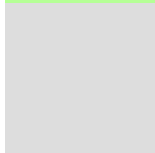
68.7300, 82.4567, 77.9389

Monochromacy



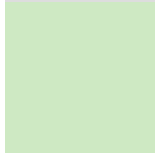
Original Color

60.3211, 83.5458, 41.8009



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

64.4428, 75.3398, 62.7753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3211, 83.5458, 41.8009 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(181, 255, 150)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 150)  
}
```

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(181, 255, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 150) }
```

Border

The CSS property to change the border of an element to XYZ 60.3211, 83.5458, 41.8009 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(181, 255, 150) }
```


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

```
.border{ border-color:rgb(181, 255, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 150);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3211, 83.5458, 41.8009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 150) }
```

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

```
.background{ background-color: rgb(181,  
255, 150) }
```

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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