

Converting Colors

XYZ(60.0017, 83.4470, 38.8084)

Have a look what the booklet for
XYZ(60.0017, 83.4470, 38.8084)
contains.

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Color

**XYZ(60.0093, 83.4483,
38.9309)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FF8F
RGB	182, 255, 143
RGB Percent	71%, 100%, 56%
CMY	0.2863, 0.0000, 0.4392
CMYK	0.29, 0.00, 0.44, 0.00
HSL	99°, 100%, 78%
HSV	99°, 44%, 100%
XYZ	60.0093, 83.4483, 38.9309
YIQ	220.4050, -7.5560, -50.3080

Conversions

Conversions Part 2

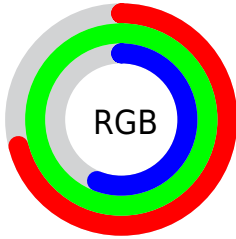
Format	Color
RYB	143, 255, 216
Decimal	11992975
CIELab	93.21, -41.79, 46.34
CIELCh	93, 62.404, 132.046
Yxy	83.4483, 0.3290, 0.4575
Android (android.graphics.Color)	4290183055 (0xFFB6FF8F)
YUV	220.4050, -38.1607, -33.6812
Hunter-Lab	91.3500, -42.6031, 38.6772

Details

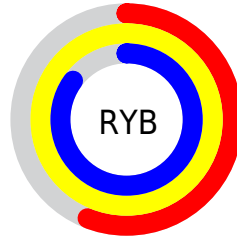
The XYZ color **60.0093, 83.4483, 38.9309** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **56.1927, 41.4652, 99.6497**, and the grayscale version is **68.5724, 72.1435, 78.5642**.

A 20% lighter version of the original color is **81.8882, 94.1225, 67.2776**, and **30.6437, 45.5620, 16.8521** is the 20% darker color. If you saturate the color by 10%, you get **54.5966, 80.8563, 29.7144**, and if you desaturate by 10%, it is **66.3276, 86.4563, 50.4839**.

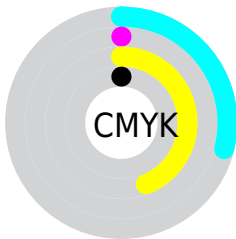
Distribution



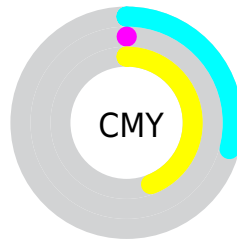
- Red (71%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (85%)



- Cyan (29%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)




- Cyan (29%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0093, 83.4483, 38.9309 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 60.0093, 83.4483, 38.9309 by changing the saturation by 10% instead.

 60.0093, 83.4483,
38.9309

 60.0093, 83.4483,
38.9309


414.4662,
506.4794, 357.0138

 43.6756, 62.5600,
26.3986


 103.9494,
138.2032, 74.7519

 30.6124, 45.4854,
16.8936


 132.2866,
172.8386, 98.8777

 20.4542, 31.8399,
9.9975


165.3556,
212.8251, 127.7050

 12.8358, 21.2393,
5.2917

203.5219,
258.5473, 161.6524

 7.3918, 13.2990,
2.3577

247.1507,
310.3894, 201.1385

 3.7568, 7.6348,
0.7633

296.6075,

 1.5655, 3.8621,

368.7358, 246.5817

0.0000

352.2575,
433.9710, 298.4006

0.3698, 1.5967,
0.0000

0.0000, 0.3554,
0.0000

60.0093, 83.4483,
38.9309

60.0093, 83.4483,
38.9309

54.5966, 80.8563,
29.7144

66.3276, 86.4563,
50.4839

50.0423, 78.6596,
22.6712

73.5934, 89.8989,
64.5142

46.2955, 76.8359,
17.6232

81.8468, 93.7939,
81.1559

43.2986, 75.3601,
14.3620

91.1251, 98.1578,
100.5322

■ 40.9840, 74.2027, 95.0500, 100.0000,
12.6334 108.9000

■ 39.8597, 73.6335,
12.1119

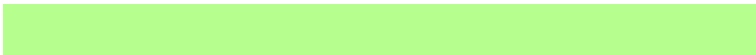
Harmonies

Analogous

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



72.9123, 83.4483, 28.0532



60.0093, 83.4483, 38.9309



52.9324, 83.4483, 65.7619

Triad

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



60.0093, 83.4483, 38.9309



69.9836, 83.4483, 206.7447



114.3369, 83.4483, 73.2810

Complementary

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



60.0093, 83.4483, 38.9309



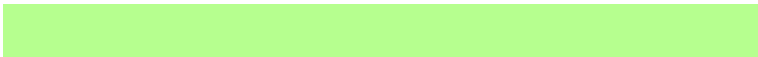
56.1927, 41.4652, 99.6497

Split Complementary

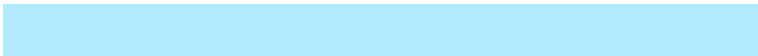
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



113.2665, 83.4483, 121.6498



60.0093, 83.4483, 38.9309



86.0822, 83.4483, 210.9414

Square

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



60.0093, 83.4483, 38.9309



58.1208, 83.4483, 165.7872



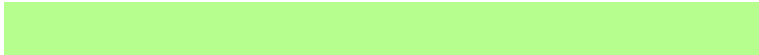
102.3722, 83.4483, 175.8130



105.1215, 83.4483, 42.7937

Rectangle

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



60.0093, 83.4483, 38.9309



51.7832, 83.4483, 94.1251



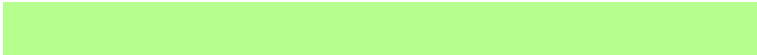
102.3722, 83.4483, 175.8130



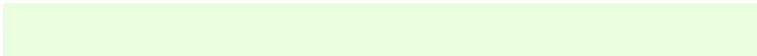
115.1998, 83.4483, 87.6733

Sweetspot

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



60.0096, 83.4484, 38.9321



82.6574, 94.1757, 82.8231



70.7031, 72.2531, 36.2076



17.2791, 19.9629, 16.8800



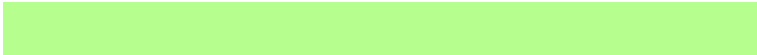
0.0000, 0.0000, 0.0000



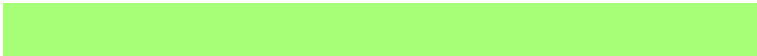
20.3446, 21.4041, 23.3091

Same Dimension

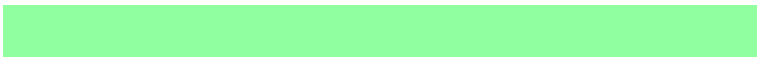
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.0096, 83.4484, 38.9321



55.0582, 81.0780, 30.4694



53.4161, 79.8911, 45.7724



18.3680, 20.4756, 19.1284



20.9723, 38.5497, 6.3355



2.1546, 3.8115, 0.6221

Inverse Universe

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



56.1927, 41.4652, 99.6497



50.7443, 34.0182, 98.4994



66.5250, 47.0907, 86.6266



18.1427, 17.9653, 22.7614



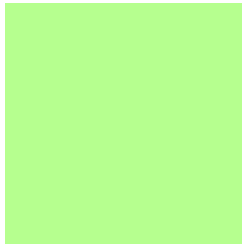
17.8390, 8.1068, 50.0591



1.8550, 0.8502, 4.8796

Previews

White Background



This preview shows how the XYZ color 60.0093, 83.4483, 38.9309 looks on a white background.

Color Contrast Check

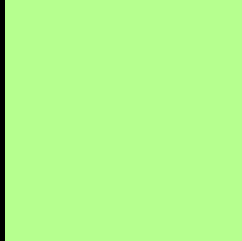
Large Text (above 18pt) WCAG AA × Fail

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 60.0093, 83.4483, 38.9309 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

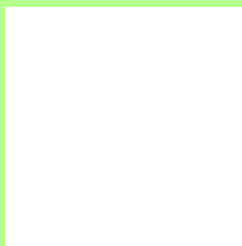
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0093, 83.4483, 38.9309

Background



This preview shows how black text looks on a background with the XYZ color 60.0093, 83.4483, 38.9309.

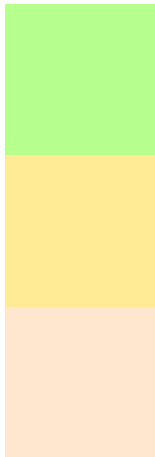


This preview shows how white text looks on a background with the XYZ color 60.0093, 83.4483,

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

60.0093, 83.4483, 38.9309

Protanopia

76.3731, 82.8466, 40.3995

Deuteranopia

80.6774, 82.3099, 70.0278



Tritanopia

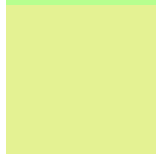
75.5046, 83.0955, 106.6673

Trichromacy



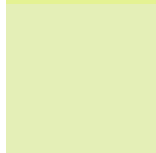
Original Color

60.0093, 83.4483, 38.9309



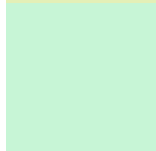
Protanomaly

69.0135, 82.1048, 39.8142



Deuteranomaly

71.4087, 81.6459, 56.7953



Tritanomaly

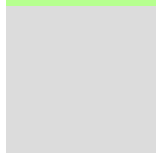
68.3432, 82.3020, 75.9021

Monochromacy



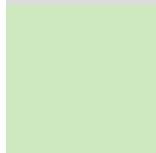
Original Color

60.0093, 83.4483, 38.9309



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.1069, 75.2054, 61.0065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0093, 83.4483, 38.9309 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(182, 255, 143)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 143)  
}
```

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(182, 255, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 143) }
```

Border

The CSS property to change the border of an element to XYZ 60.0093, 83.4483, 38.9309 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(182, 255, 143) }
```


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

```
.border{ border-color:rgb(182, 255, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 255, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 143);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0093, 83.4483, 38.9309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 143) }
```

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

```
.background{ background-color: rgb(182,  
255, 143) }
```

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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