

Converting Colors

XYZ(62.8076, 87.2427, 39.5365)

Have a look what the booklet for
XYZ(62.8076, 87.2427, 39.5365)
contains.

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Color

**XYZ(61.2114, 84.0680,
38.9872)**

Conversions

Conversions Part 1

Format	Color
Hex	BBFF8F
RGB	187, 255, 143
RGB Percent	73%, 100%, 56%
CMY	0.2667, 0.0000, 0.4392
CMYK	0.27, 0.00, 0.44, 0.00
HSL	96°, 100%, 78%
HSV	96°, 44%, 100%
XYZ	61.2114, 84.0680, 38.9872
YIQ	221.9000, -4.5760, -49.2480

Conversions

Conversions Part 2

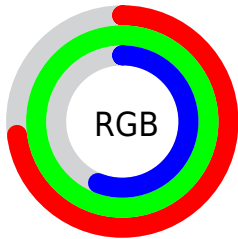
Format	Color
RYB	143, 255, 211
Decimal	12320655
CIELab	93.48, -40.11, 46.74
CIELCh	93, 61.590, 130.637
Yxy	84.0680, 0.3322, 0.4562
Android (android.graphics.Color)	4290510735 (0xFFBBFF8F)
YUV	221.9000, -38.8977, -30.6073
Hunter-Lab	91.6886, -41.2883, 38.9711

Details

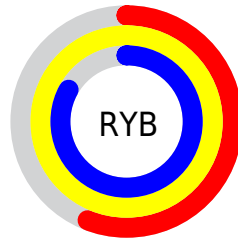
The XYZ color **61.2114, 84.0680, 38.9872** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **54.7378, 40.7152, 99.5816**, and the grayscale version is **69.6284, 73.2545, 79.7741**.

A 20% lighter version of the original color is **83.6092, 95.0097, 67.3581**, and **31.3996, 45.9516, 16.8875** is the 20% darker color. If you saturate the color by 10%, you get **55.9081, 81.5324, 29.7758**, and if you desaturate by 10%, it is **67.3628, 86.9899, 50.5324**.

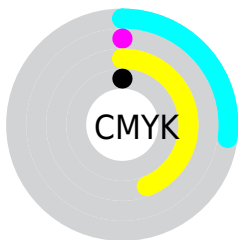
Distribution



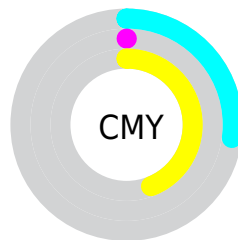
- Red (73%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (83%)



- Cyan (27%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (27%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2114, 84.0680, 38.9872 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 61.2114, 84.0680, 38.9872 by changing the saturation by 10% instead.


 61.2114, 84.0680,
38.9872

 61.2114, 84.0680,
38.9872


418.8122,
508.5390, 357.2604

 44.6490, 63.0716,
26.4420


 105.6813,
139.0703, 74.8389

 31.3811, 45.8991,
16.9259


 134.3196,
173.8450, 98.9825

 21.0425, 32.1662,
10.0203


167.7138,
213.9812, 127.8293

 13.2677, 21.4885,
5.3066

206.2294,
259.8633, 161.7978

 7.6914, 13.4815,
2.3664

250.2317,
311.8757, 201.3067

 3.9483, 7.7610,
0.7681

300.0860,

 1.6729, 3.9424,

370.4029, 246.7744

0.0000

356.1577,
435.8292, 298.6194

0.4392, 1.6414,
0.0000

0.0000, 0.3853,
0.0000

61.2114, 84.0680,
38.9872

61.2114, 84.0680,
38.9872

55.9081, 81.5324,
29.7758

67.3628, 86.9899,
50.5324

51.4090, 79.3642,
22.7352

74.4010, 90.3152,
64.5521

47.6668, 77.5429,
17.6874

82.3632, 94.0601,
81.1801

44.6279, 76.0453,
14.4242

91.2840, 98.2397,
100.5397

■ 42.2290, 74.8445, 95.0500, 100.0000,
12.6917 108.9000

■ 41.0348, 74.2393,
12.1669

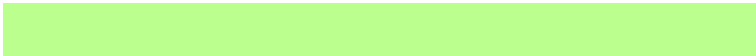
Harmonies

Analogous

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



74.2673, 84.0680, 28.6948



61.2114, 84.0680, 38.9872



53.8727, 84.0680, 64.9254

Triad

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



61.2114, 84.0680, 38.9872



69.9732, 84.0680, 204.7621



114.7660, 84.0680, 75.9733

Complementary

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



61.2114, 84.0680, 38.9872



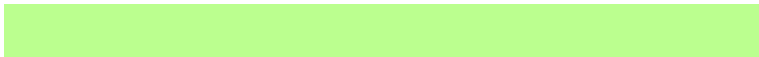
54.7378, 40.7152, 99.5816

Split Complementary

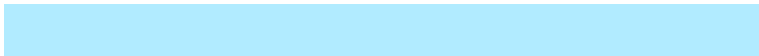
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



113.2045, 84.0680, 124.5742



61.2114, 84.0680, 38.9872



85.8191, 84.0680, 210.8575

Square

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



61.2114, 84.0680, 38.9872



58.4360, 84.0680, 163.1685



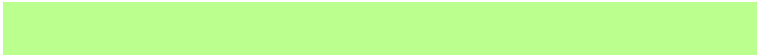
102.0607, 84.0680, 177.7567



106.0752, 84.0680, 44.7036

Rectangle

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



61.2114, 84.0680, 38.9872



52.5249, 84.0680, 92.5348



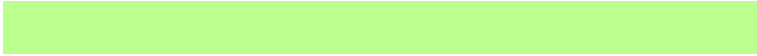
102.0607, 84.0680, 177.7567



115.4492, 84.0680, 90.5440

Sweetspot

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



61.2117, 84.0681, 38.9884



83.1436, 94.4264, 82.8459



69.2945, 69.4359, 35.7381



17.3984, 20.0244, 16.8856



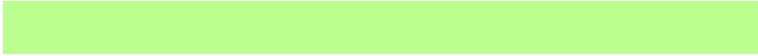
0.0000, 0.0000, 0.0000



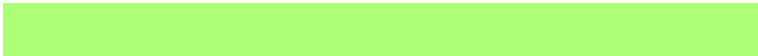
20.3446, 21.4041, 23.3091

Same Dimension

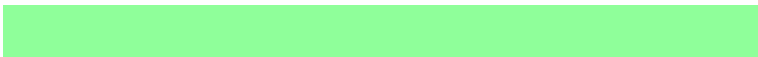
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.2117, 84.0681, 38.9884



56.3619, 81.7501, 30.5304



52.9379, 79.6998, 43.2540



18.4466, 20.5161, 19.1321



21.5973, 38.8719, 6.3647



2.2213, 3.8459, 0.6253

Inverse Universe

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



54.7378, 40.7152, 99.5816



49.0806, 33.1606, 98.4215



67.3618, 47.4254, 91.0327



18.0615, 17.9234, 22.7576



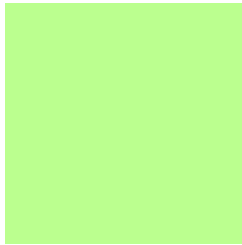
16.6498, 7.4938, 50.0035



1.7439, 0.7930, 4.8744

Previews

White Background



This preview shows how the XYZ color 61.2114, 84.0680, 38.9872 looks on a white background.

Color Contrast Check

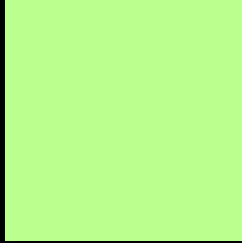
Large Text (above 18pt) WCAG AA × Fail

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 61.2114, 84.0680, 38.9872 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

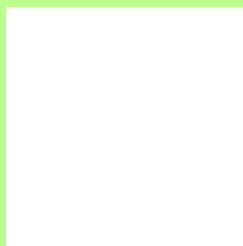
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2114, 84.0680, 38.9872

Background



This preview shows how black text looks on a background with the XYZ color 61.2114, 84.0680, 38.9872.

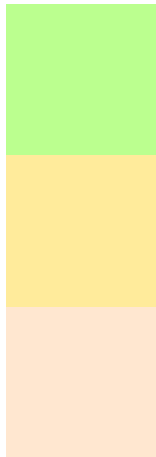


This preview shows how white text looks on a background with the XYZ color 61.2114, 84.0680,

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

61.2114, 84.0680, 38.9872

Protanopia

76.8647, 83.0432, 42.9881

Deuteranopia

81.2011, 82.9659, 71.4088



Tritanopia

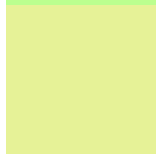
76.6507, 83.6863, 106.7209

Trichromacy



Original Color

61.2114, 84.0680, 38.9872



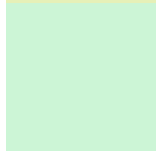
Protanomaly

69.9712, 82.5616, 41.5263



Deuteranomaly

72.4449, 82.6039, 57.4733



Tritanomaly

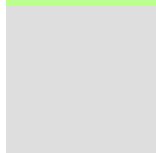
69.6918, 82.9972, 75.9652

Monochromacy



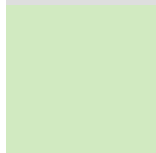
Original Color

61.2114, 84.0680, 38.9872



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

65.3430, 76.2512, 61.7261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2114, 84.0680, 38.9872 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(187, 255, 143)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 255, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 255, 143) }
```

Border

The CSS property to change the border of an element to XYZ 61.2114, 84.0680, 38.9872 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(187, 255, 143) }
```


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

```
.border{ border-color:rgb(187, 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(187, 255, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 255, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 255, 143);  
box-shadow:4px 4px 4px 4px rgb(187, 255,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2114, 84.0680, 38.9872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 255, 143) }
```

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

```
.background{ background-color: rgb(187,  
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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