

Converting Colors

XYZ(60.8138, 83.8683, 38.7274)

Have a look what the booklet for
XYZ(60.8138, 83.8683, 38.7274)
contains.

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Color

**XYZ(60.8922, 83.9121,
38.5785)**

Conversions

Conversions Part 1

Format	Color
Hex	BAFF8E
RGB	186, 255, 142
RGB Percent	73%, 100%, 56%
CMY	0.2706, 0.0000, 0.4431
CMYK	0.27, 0.00, 0.44, 0.00
HSL	97°, 100%, 78%
HSV	97°, 44%, 100%
XYZ	60.8922, 83.9121, 38.5785
YIQ	221.4870, -4.8510, -49.7710

Conversions

Conversions Part 2

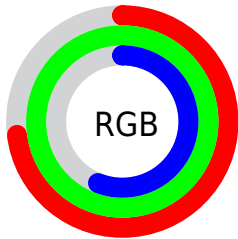
Format	Color
RYB	142, 255, 211
Decimal	12255118
CIELab	93.41, -40.57, 47.12
CIELCh	93, 62.179, 130.729
Yxy	83.9121, 0.3320, 0.4576
Android (android.graphics.Color)	4290445198 (0xFFBAFF8E)
YUV	221.4870, -39.1871, -31.1221
Hunter-Lab	91.6035, -41.6508, 39.1527

Details

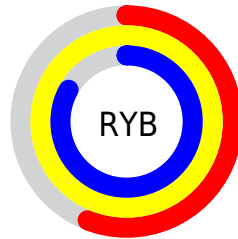
The XYZ color **60.8922, 83.9121, 38.5785** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **54.5882, 40.4162, 99.5317**, and the grayscale version is **69.3389, 72.9499, 79.4425**.

A 20% lighter version of the original color is **83.1463, 94.7843, 66.7363**, and **31.2032, 45.8553, 16.6576** is the 20% darker color. If you saturate the color by 10%, you get **55.6123, 81.3867, 29.4550**, and if you desaturate by 10%, it is **67.0230, 86.8255, 50.0301**.

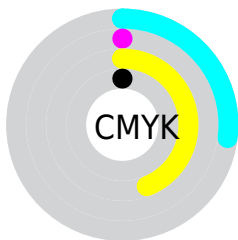
Distribution



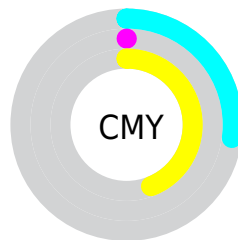
- Red (73%)
- Green (100%)
- Blue (56%)



- 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 60.8922, 83.9121, 38.5785 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 60.8922, 83.9121, 38.5785 by changing the saturation by 10% instead.

 60.8922, 83.9121,
38.5785


 60.8922, 83.9121,
38.5785


417.6609,
508.0213, 355.4674

 44.3904, 62.9429,
26.1267


 105.2218,
138.8522, 74.2072

 31.1768, 45.7950,
16.6918


 133.7804,
173.5919, 98.2212

 20.8860, 32.0841,
9.8554


167.0885,
213.6905, 126.9262

 13.1527, 21.4257,
5.1988

205.5116,
259.5324, 160.7410

 7.6115, 13.4355,
2.3036

249.4151,
311.5021, 200.0839

 3.8971, 7.7291,
0.7332

299.1642,

 1.6441, 3.9221,

369.9838, 245.3736

0.0000

355.1243,
435.3621, 297.0286

■ 0.4209, 1.6301,
0.0000

■ 0.0000, 0.3778,
0.0000

■ 60.8922, 83.9121,
38.5785

■ 60.8922, 83.9121,
38.5785

■ 55.6123, 81.3867,
29.4550

■ 67.0230, 86.8255,
50.0301

■ 51.1388, 79.2299,
22.4959

■ 74.0437, 90.1440,
63.9509

■ 47.4242, 77.4212,
17.5221

■ 81.9918, 93.8839,
80.4754

■ 44.4142, 75.9372,
14.3242

■ 90.9021, 98.0604,
99.7270

■ 42.0447, 74.7503, 95.0500, 100.0000,
12.6459 108.9000

■ 40.9372, 74.1889,
12.1623

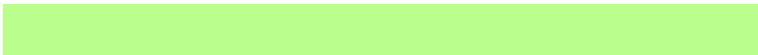
Harmonies

Analogous

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



74.0259, 83.9121, 28.2428



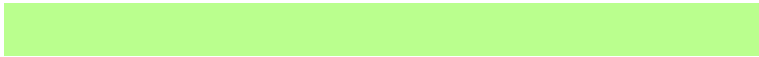
60.8922, 83.9121, 38.5785



53.5294, 83.9121, 64.6747

Triad

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



60.8922, 83.9121, 38.5785



69.7910, 83.9121, 205.9394



114.9395, 83.9121, 75.5571

Complementary

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



60.8922, 83.9121, 38.5785



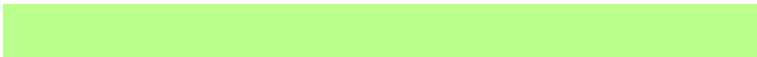
54.5882, 40.4162, 99.5317

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.



113.3950, 83.9121, 124.5446



60.8922, 83.9121, 38.5785



85.7743, 83.9121, 211.9846

Square

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



60.8922, 83.9121, 38.5785



58.1589, 83.9121, 163.9036



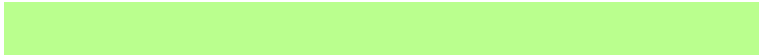
102.1612, 83.9121, 178.3563



106.1300, 83.9121, 44.1853

Rectangle

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



60.8922, 83.9121, 38.5785



52.1878, 83.9121, 92.5209



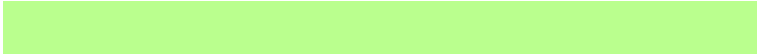
102.1612, 83.9121, 178.3563



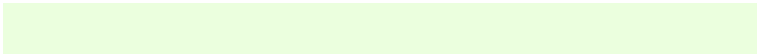
115.6414, 83.9121, 90.2208

Sweetspot

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



60.8925, 83.9122, 38.5797



83.1057, 94.4068, 82.8441



69.1203, 69.2082, 35.3079



17.3891, 20.0196, 16.8852



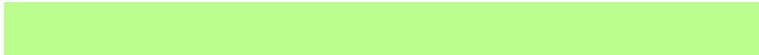
0.0000, 0.0000, 0.0000



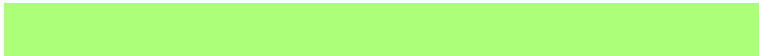
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8925, 83.9122, 38.5797



56.2583, 81.6967, 30.5255



52.6907, 79.5810, 42.8519



18.4404, 20.5130, 19.1318



21.5455, 38.8452, 6.3623



2.2159, 3.8431, 0.6250

Inverse Universe

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



54.5882, 40.4162, 99.5317



49.2077, 33.2261, 98.4275



67.1971, 47.1204, 90.9030



18.0678, 17.9267, 22.7579



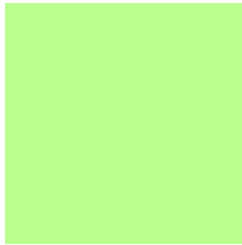
16.7386, 7.5395, 50.0076



1.7523, 0.7973, 4.8748

Previews

White Background



This preview shows how the XYZ color 60.8922, 83.9121, 38.5785 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 60.8922, 83.9121, 38.5785 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

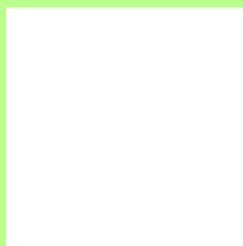
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8922, 83.9121, 38.5785

Background



This preview shows how black text looks on a background with the XYZ color 60.8922, 83.9121, 38.5785.

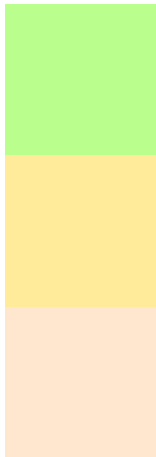


This preview shows how white text looks on a background with the XYZ color 60.8922, 83.9121, 38.5785.

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

60.8922, 83.9121, 38.5785

Protanopia

76.6981, 82.9766, 42.1106

Deuteranopia

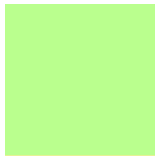
81.0784, 82.9168, 70.7627



Tritanopia

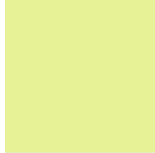
76.3615, 83.5372, 106.7074

Trichromacy



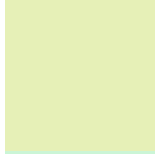
Original Color

60.8922, 83.9121, 38.5785



Protanomaly

69.8101, 82.4972, 40.6779



Deuteranomaly

72.3405, 82.5621, 56.9231



Tritanomaly

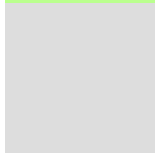
69.4186, 82.8564, 75.9525

Monochromacy



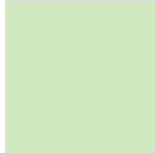
Original Color

60.8922, 83.9121, 38.5785



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

64.6658, 75.4935, 61.0326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8922, 83.9121, 38.5785 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(186, 255, 142)` looks like.

```
.text, #text, p{  
    color:rgb(186, 255, 142)  
}
```

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(186, 255, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 255, 142) }
```

Border

The CSS property to change the border of an element to XYZ 60.8922, 83.9121, 38.5785 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(186, 255, 142) }
```


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

```
.border{ border-color:rgb(186, 255, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 255, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 255, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 255, 142);  
box-shadow:4px 4px 4px 4px rgb(186, 255,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8922, 83.9121, 38.5785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 255, 142) }
```

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

```
.background{ background-color: rgb(186,  
255, 142) }
```

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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