

Converting Colors

XYZ(61.8642, 84.4062, 38.9394)

Have a look what the booklet for
XYZ(61.8642, 84.4062, 38.9394)
contains.

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Color

**XYZ(61.9531, 84.4503,
39.0219)**

Conversions

Conversions Part 1

Format	Color
Hex	BEFF8F
RGB	190, 255, 143
RGB Percent	75%, 100%, 56%
CMY	0.2549, 0.0000, 0.4392
CMYK	0.25, 0.00, 0.44, 0.00
HSL	95°, 100%, 78%
HSV	95°, 44%, 100%
XYZ	61.9531, 84.4503, 39.0219
YIQ	222.7970, -2.7880, -48.6120

Conversions

Conversions Part 2

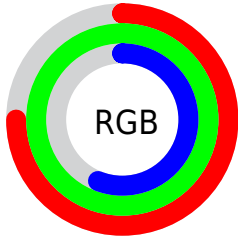
Format	Color
RYB	143, 255, 208
Decimal	12517263
CIELab	93.65, -39.09, 46.98
CIElCh	94, 61.116, 129.760
Yxy	84.4503, 0.3341, 0.4554
Android (android.graphics.Color)	4290707343 (0xFFBEFF8F)
YUV	222.7970, -39.3399, -28.7630
Hunter-Lab	91.8968, -40.4821, 39.1516

Details

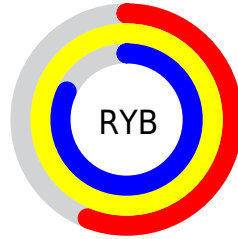
The XYZ color **61.9531, 84.4503, 39.0219** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **53.8862, 40.2762, 99.5417**, and the grayscale version is **70.2666, 73.9259, 80.5053**.

A 20% lighter version of the original color is **84.6644, 95.5537, 67.4075**, and **31.8711, 46.1947, 16.9095** is the 20% darker color. If you saturate the color by 10%, you get **56.7248, 81.9534, 29.8140**, and if you desaturate by 10%, it is **67.9965, 87.3166, 50.5621**.

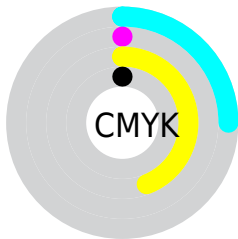
Distribution



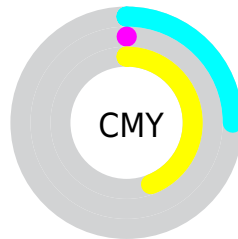
- Red (75%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (82%)



- Cyan (25%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9531, 84.4503, 39.0219 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 61.9531, 84.4503, 39.0219 by changing the saturation by 10% instead.


 61.9531, 84.4503,
39.0219


 61.9531, 84.4503,
39.0219


421.4803,
509.8074, 357.4123

 45.2503, 63.3873,
26.4688


 106.7481,
139.6049, 74.8925

 31.8567, 46.1546,
16.9458


 135.5709,
174.4653, 99.0471

 21.4071, 32.3678,
10.0343


169.1644,
214.6936, 127.9059

 13.5361, 21.6426,
5.3158

207.8941,
260.6741, 161.8874

 7.8782, 13.5945,
2.3718

252.1251,
312.7914, 201.4103

 4.0683, 7.8392,
0.7710

302.2229,

 1.7408, 3.9922,

371.4298, 246.8931

0.0000

358.5528,
436.9736, 298.7542

■ 0.4816, 1.6692,
0.0000

■ 0.0000, 0.4036,
0.0000

■ 61.9531, 84.4503,
39.0219

■ 61.9531, 84.4503,
39.0219

■ 56.7248, 81.9534,
29.8140

■ 67.9965, 87.3166,
50.5621

■ 52.2695, 79.8078,
22.7755

■ 74.8920, 90.5684,
64.5750

■ 48.5417, 77.9939,
17.7283

■ 82.6753, 94.2210,
81.1947

■ 45.4898, 76.4896,
14.4645

■ 91.3795, 98.2889,
100.5442

■ 43.0527, 75.2691, 95.0500, 100.0000,
12.7303 108.9000

■ 41.8240, 74.6461,
12.2038

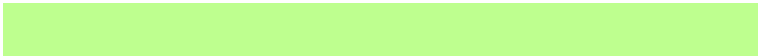
Harmonies

Analogous

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



75.1034, 84.4503, 29.0901



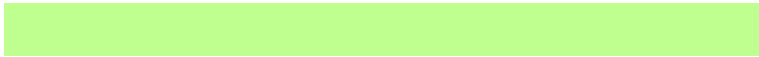
61.9531, 84.4503, 39.0219



54.4521, 84.4503, 64.4215

Triad

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



61.9531, 84.4503, 39.0219



69.9694, 84.4503, 203.5744



115.0338, 84.4503, 77.6470

Complementary

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



61.9531, 84.4503, 39.0219



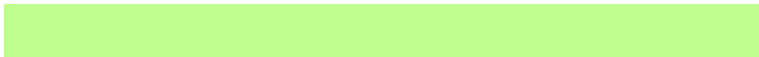
53.8862, 40.2762, 99.5417

Split Complementary

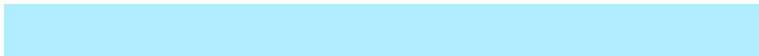
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



113.1727, 84.4503, 126.3838



61.9531, 84.4503, 39.0219



85.6630, 84.4503, 210.8201

Square

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



61.9531, 84.4503, 39.0219



58.6303, 84.4503, 161.5971



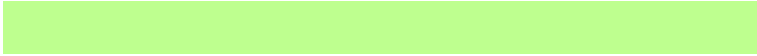
101.8763, 84.4503, 178.9579



106.6640, 84.4503, 45.8945

Rectangle

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



61.9531, 84.4503, 39.0219



52.9813, 84.4503, 91.5792



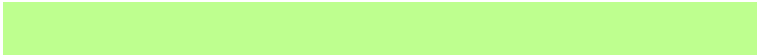
101.8763, 84.4503, 178.9579



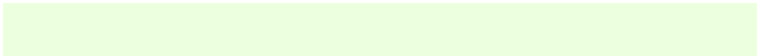
115.6073, 84.4503, 92.3258

Sweetspot

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



61.9534, 84.4504, 39.0231



83.4374, 94.5778, 82.8596



68.3823, 67.6116, 35.4341



17.4706, 20.0616, 16.8890



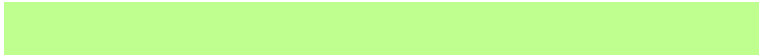
0.0000, 0.0000, 0.0000



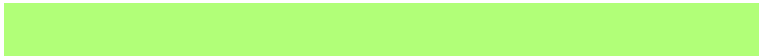
20.3446, 21.4041, 23.3091

Same Dimension

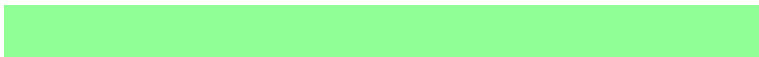
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.9534, 84.4504, 39.0231



57.1731, 82.1683, 30.5683



52.6312, 79.5771, 41.6388



18.4939, 20.5405, 19.1343



22.0151, 39.0873, 6.3843



2.2648, 3.8683, 0.6273

Inverse Universe

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



53.8862, 40.2762, 99.5417



48.1129, 32.6617, 98.3763



67.9339, 47.6543, 94.0457



18.0130, 17.8984, 22.7553



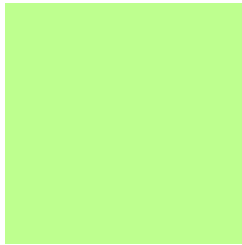
15.9866, 7.1519, 49.9724



1.6812, 0.7606, 4.8715

Previews

White Background



This preview shows how the XYZ color 61.9531, 84.4503, 39.0219 looks on a white background.

Color Contrast Check

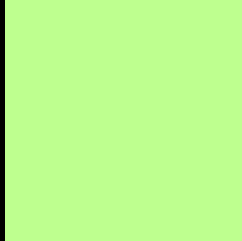
Large Text (above 18pt) WCAG AA × Fail

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 61.9531, 84.4503, 39.0219 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

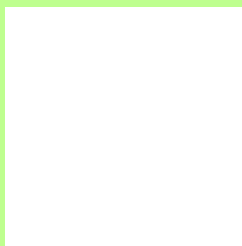
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.9531, 84.4503, 39.0219

Background



This preview shows how black text looks on a background with the XYZ color 61.9531, 84.4503, 39.0219.

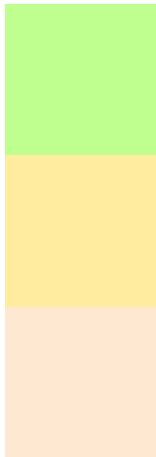


This preview shows how white text looks on a background with the XYZ color 61.9531, 84.4503,

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

61.9531, 84.4503, 39.0219

Protanopia

77.4070, 83.7195, 44.4275

Deuteranopia

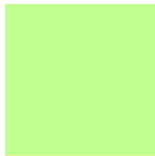
81.6052, 83.5767, 72.1525



Tritanopia

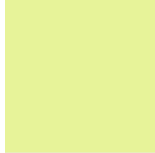
77.2344, 83.9872, 106.7482

Trichromacy



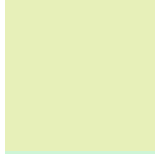
Original Color

61.9531, 84.4503, 39.0219



Protanomaly

70.7554, 83.3900, 42.5037



Deuteranomaly

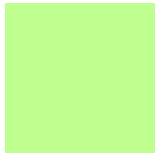
72.8720, 82.8119, 58.0425



Tritanomaly

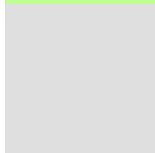
70.2436, 83.2817, 75.9911

Monochromacy



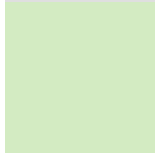
Original Color

61.9531, 84.4503, 39.0219



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.3099, 77.1606, 62.4375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9531, 84.4503, 39.0219 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(190, 255, 143)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 255, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 255, 143) }
```

Border

The CSS property to change the border of an element to XYZ 61.9531, 84.4503, 39.0219 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(190, 255, 143) }
```


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

```
.border{ border-color:rgb(190, 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(190, 255, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 255, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 255, 143);  
box-shadow:4px 4px 4px 4px rgb(190, 255,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9531, 84.4503, 39.0219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 255, 143) }
```

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

```
.background{ background-color: rgb(190,  
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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