

Converting Colors

XYZ(66.6724, 94.1993, 46.4422)

Have a look what the booklet for
XYZ(66.6724, 94.1993, 46.4422)
contains.

XYZ(61.6130, 84.1447, 44.8925)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.6130, 84.1447,
44.8925)**

Conversions

Conversions Part 1

Format	Color
Hex	B8FF9D
RGB	184, 255, 157
RGB Percent	72%, 100%, 62%
CMY	0.2784, 0.0000, 0.3843
CMYK	0.28, 0.00, 0.38, 0.00
HSL	103°, 100%, 81%
HSV	103°, 38%, 100%
XYZ	61.6130, 84.1447, 44.8925
YIQ	222.5990, -10.8580, -45.5300

Conversions

Conversions Part 2

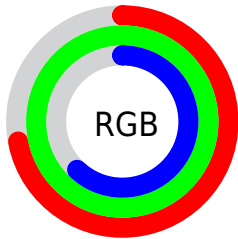
Format	Color
RYB	157, 255, 228
Decimal	12124061
CIELab	93.51, -39.31, 39.96
CIELCh	94, 56.056, 134.532
Yxy	84.1447, 0.3232, 0.4414
Android (android.graphics.Color)	4290314141 (0xFFB8FF9D)
YUV	222.5990, -32.3403, -33.8513
Hunter-Lab	91.7304, -40.6343, 35.1950

Details

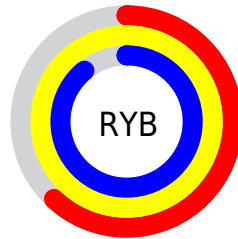
The XYZ color **61.6130, 84.1447, 44.8925** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **62.1030, 47.8292, 100.5665**, and the grayscale version is **70.0820, 73.7317, 80.2938**.

A 20% lighter version of the original color is **84.2616, 95.1507, 76.2122**, and **31.5949, 45.9768, 20.3059** is the 20% darker color. If you saturate the color by 10%, you get **55.5176, 81.2282, 34.4044**, and if you desaturate by 10%, it is **68.7416, 87.5412, 57.8030**.

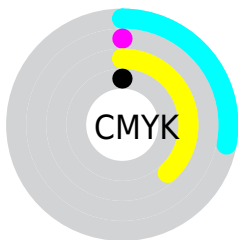
Distribution



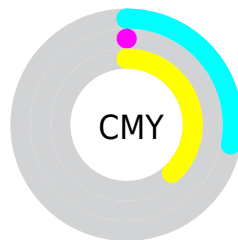
- Red (72%)
- Green (100%)
- Blue (62%)



- Red (62%)
- Yellow (100%)
- Blue (89%)



- Cyan (28%)
- Magenta (0%)
- Yellow (38%)
- Black (0%)





- Cyan (28%)
- Magenta (0%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6130, 84.1447, 44.8925 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 61.6130, 84.1447, 44.8925 by changing the saturation by 10% instead.


 61.6130, 84.1447,
44.8925


 61.6130, 84.1447,
44.8925


420.2581,
508.7936, 382.4854

 44.9745, 63.1349,
31.0304


 106.2591,
139.1776, 83.8758

 31.6385, 45.9504,
20.3634


 134.9974,
173.9694, 109.8341

 21.2398, 32.2067,
12.4728


168.4997,
214.1241, 140.6616

 13.4128, 21.5194,
6.9401

207.1313,
260.0260, 176.7768

 7.7924, 13.5042,
3.3468

251.2576,
312.0595, 218.5982

 4.0131, 7.7766,
1.2743

301.2439,

 1.7095, 3.9524,

370.6090, 266.5445

0.0406

357.4556,
436.0589, 321.0340

0.4622, 1.6469,
0.0000

0.0000, 0.3889,
0.0000

61.6130, 84.1447,
44.8925

61.6130, 84.1447,
44.8925

55.5176, 81.2282,
34.4044

68.7416, 87.5412,
57.8030

50.4035, 78.7684,
26.1837

76.9492, 91.4386,
73.2701

46.2156, 76.7407,
20.0638

86.2803, 95.8568,
91.4227

42.8927, 75.1174,
15.8532

95.0500, 100.0000,
108.9000

■ 40.3645, 73.8673,
13.3257

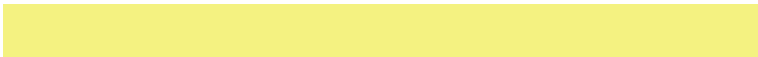
■ 38.5411, 72.9512,
12.1646

■ 38.3040, 72.8315,
12.0391

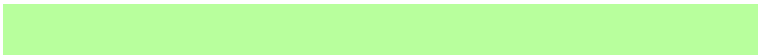
Harmonies

Analogous

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



73.0385, 84.1447, 33.1557



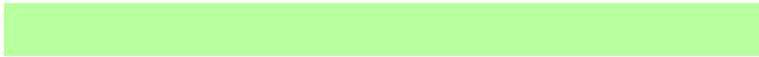
61.6130, 84.1447, 44.8925



55.5397, 84.1447, 71.5347

Triad

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



61.6130, 84.1447, 44.8925



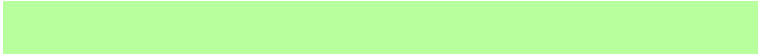
72.6164, 84.1447, 194.9119



110.8496, 84.1447, 72.6312

Complementary

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



61.6130, 84.1447, 44.8925



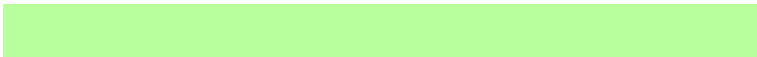
62.1030, 47.8292, 100.5665

Split Complementary

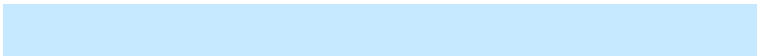
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



110.7001, 84.1447, 115.1500



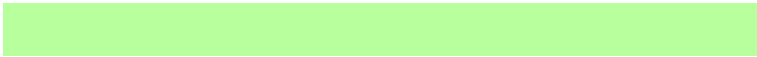
61.6130, 84.1447, 44.8925



87.3416, 84.1447, 195.4827

Square

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



61.6130, 84.1447, 44.8925



61.3370, 84.1447, 161.5879



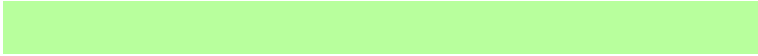
101.6693, 84.1447, 162.9668



102.0557, 84.1447, 45.4805

Rectangle

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



61.6130, 84.1447, 44.8925



54.8036, 84.1447, 98.2199



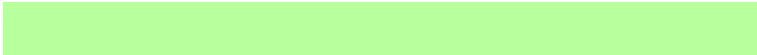
101.6693, 84.1447, 162.9668



111.8752, 84.1447, 85.3212

Sweetspot

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



61.6134, 84.1449, 44.8938



82.8177, 94.2186, 84.6268



74.8592, 78.7608, 43.1564



17.4631, 20.0420, 17.6002



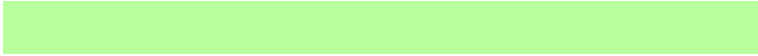
0.0000, 0.0000, 0.0000



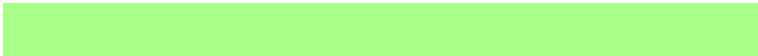
20.3446, 21.4041, 23.3091

Same Dimension

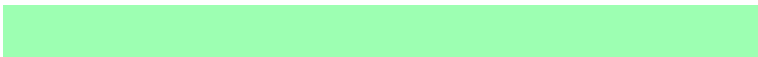
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.6134, 84.1449, 44.8938



56.9067, 81.8941, 36.7389



57.7247, 81.9122, 55.0118



18.2412, 20.4102, 19.1225



20.1373, 38.1192, 6.2964



2.0607, 3.7631, 0.6177

Inverse Universe

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



62.1030, 47.8292, 100.5665



57.4297, 40.9488, 99.4848



68.1153, 51.3020, 83.9789



18.2761, 18.0341, 22.7676



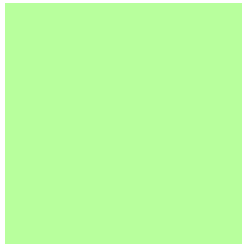
20.0058, 9.2239, 50.1605



2.0535, 0.9525, 4.8889

Previews

White Background



This preview shows how the XYZ color 61.6130, 84.1447, 44.8925 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 61.6130, 84.1447, 44.8925 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 61.6130, 84.1447, 44.8925

Background



This preview shows how black text looks on a background with the XYZ color 61.6130, 84.1447, 44.8925.

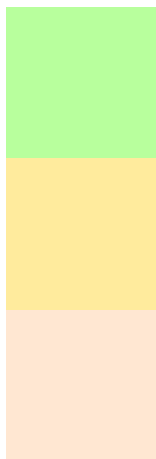


This preview shows how white text looks on a background with the XYZ color 61.6130, 84.1447,

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

61.6130, 84.1447, 44.8925

Protanopia

77.0341, 83.1110, 43.8802

Deuteranopia

81.4488, 83.0650, 72.7131



Tritanopia

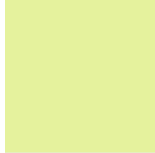
76.3693, 83.9795, 106.7923

Trichromacy



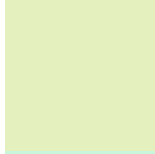
Original Color

61.6130, 84.1447, 44.8925



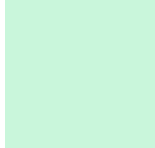
Protanomaly

70.1510, 82.5966, 44.1437



Deuteranomaly

72.8772, 82.7398, 61.4196



Tritanomaly

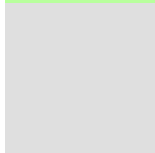
69.8293, 83.4435, 79.4436

Monochromacy



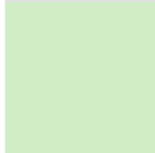
Original Color

61.6130, 84.1447, 44.8925



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.3116, 77.0955, 65.4188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6130, 84.1447, 44.8925 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(184, 255, 157)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 157)  
}
```

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(184, 255, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 157) }
```

Border

The CSS property to change the border of an element to XYZ 61.6130, 84.1447, 44.8925 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(184, 255, 157) }
```


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

```
.border{ border-color:rgb(184, 255, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 255, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 157);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6130, 84.1447, 44.8925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 157) }
```

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

```
.background{ background-color: rgb(184,  
255, 157) }
```

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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