

Converting Colors

XYZ(62.4128, 84.5863, 43.6071)

Have a look what the booklet for
XYZ(62.4128, 84.5863, 43.6071)
contains.

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Color

**XYZ(62.3318, 84.5445,
43.6053)**

Conversions

Conversions Part 1

Format	Color
Hex	BCFF9A
RGB	188, 255, 154
RGB Percent	74%, 100%, 60%
CMY	0.2627, 0.0000, 0.3961
CMYK	0.26, 0.00, 0.40, 0.00
HSL	100°, 100%, 80%
HSV	100°, 40%, 100%
XYZ	62.3318, 84.5445, 43.6053
YIQ	223.4530, -7.5110, -45.6150

Conversions

Conversions Part 2

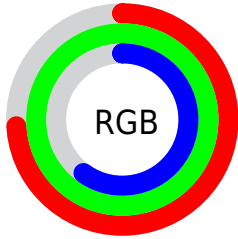
Format	Color
RYB	154, 255, 221
Decimal	12386202
CIELab	93.69, -38.38, 41.69
CIELCh	94, 56.672, 132.632
Yxy	84.5445, 0.3272, 0.4438
Android (android.graphics.Color)	4290576282 (0xFFBCFF9A)
YUV	223.4530, -34.2403, -31.0923
Hunter-Lab	91.9481, -39.9036, 36.2461

Details

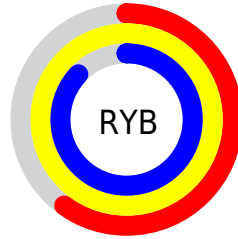
The XYZ color **62.3318, 84.5445, 43.6053** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **59.4255, 45.7046, 100.2975**, and the grayscale version is **70.7011, 74.3831, 81.0031**.

A 20% lighter version of the original color is **85.2747, 95.7163, 74.3022**, and **32.0588, 46.2333, 19.5462** is the 20% darker color. If you saturate the color by 10%, you get **56.5025, 81.7592, 33.3991**, and if you desaturate by 10%, it is **69.1015, 87.7624, 56.2127**.

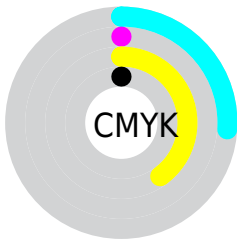
Distribution



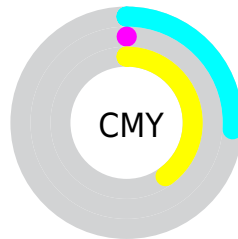
- Red (74%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (87%)



- Cyan (26%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)





- Cyan (26%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3318, 84.5445, 43.6053 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 62.3318, 84.5445, 43.6053 by changing the saturation by 10% instead.


 62.3318, 84.5445,
43.6053


 62.3318, 84.5445,
43.6053

422.8387,
510.1196, 377.0893

 45.5575, 63.4651,
30.0254


 107.2922,
139.7366, 81.9196

 32.0999, 46.2176,
19.6057


 136.2089,
174.6181, 107.4911

 21.5937, 32.4175,
11.9275


169.9038,
214.8690, 137.8969

 13.6736, 21.6806,
6.5724

208.7423,
260.8738, 173.5556

 7.9742, 13.6224,
3.1218

253.0897,
313.0169, 214.8856

 4.1301, 7.8585,
1.1572

303.3113,

 1.7760, 4.0046,

371.6826, 262.3055

0.0000

359.7725,
437.2554, 316.2339

■ 0.5031, 1.6761,
0.0000

■ 0.0000, 0.4081,
0.0000

■ 62.3318, 84.5445,
43.6053

■ 62.3318, 84.5445,
43.6053

■ 56.5025, 81.7592,
33.3991

■ 69.1015, 87.7624,
56.2127

■ 51.5668, 79.3859,
25.4379

■ 76.8528, 91.4311,
71.3568

■ 47.4753, 77.4027,
19.5526

■ 85.6256, 95.5685,
89.1673

■ 44.1723, 75.7851,
15.5490

95.0500, 100.0000,
108.9000

■ 41.5939, 74.5053,
13.1957

■ 39.6498, 73.5246,
12.1307

■ 39.5829, 73.4908,
12.0989

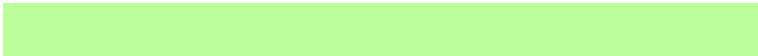
Harmonies

Analogous

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



74.2021, 84.5445, 32.6123



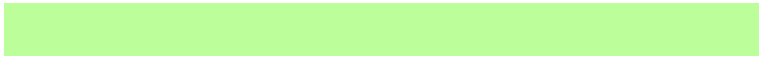
62.3318, 84.5445, 43.6053



55.8128, 84.5445, 69.4943

Triad

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



62.3318, 84.5445, 43.6053



72.0360, 84.5445, 195.7821



111.9808, 84.5445, 75.1171

Complementary

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



62.3318, 84.5445, 43.6053



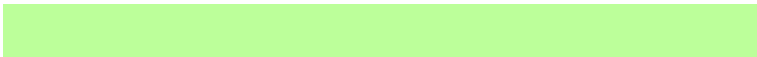
59.4255, 45.7046, 100.2975

Split Complementary

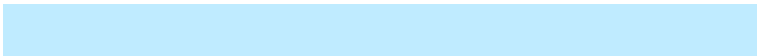
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



111.2114, 84.5445, 119.0347



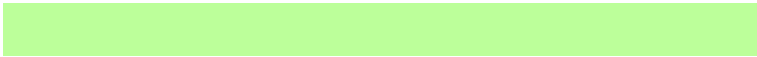
62.3318, 84.5445, 43.6053



86.8432, 84.5445, 198.7244

Square

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



62.3318, 84.5445, 43.6053



60.9169, 84.5445, 160.2502



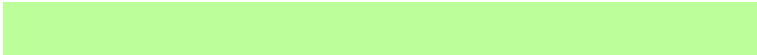
101.5599, 84.5445, 167.3516



103.5469, 84.5445, 46.6108

Rectangle

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



62.3318, 84.5445, 43.6053



54.8095, 84.5445, 95.9068



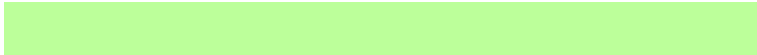
101.5599, 84.5445, 167.3516



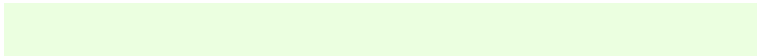
112.8174, 84.5445, 88.3069

Sweetspot

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



62.3322, 84.5446, 43.6066



83.4311, 94.5348, 84.6555



72.5747, 74.5966, 41.1465



17.6067, 20.1161, 17.6070



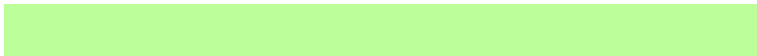
0.0000, 0.0000, 0.0000



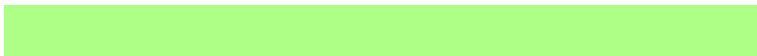
20.3446, 21.4041, 23.3091

Same Dimension

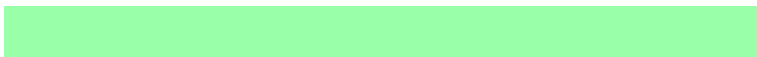
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.3322, 84.5446, 43.6066



57.3776, 82.1784, 34.8836



56.2627, 81.2606, 50.3307



18.3478, 20.4652, 19.1275



20.8244, 38.4735, 6.3286



2.1384, 3.8032, 0.6214

Inverse Universe

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



59.4255, 45.7046, 100.2975



54.0554, 38.1514, 99.1227



68.5020, 50.6545, 88.4885



18.1639, 17.9762, 22.7624



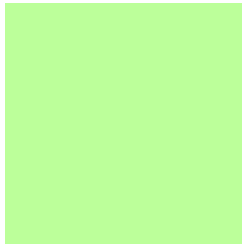
18.1647, 8.2747, 50.0744



1.8851, 0.8657, 4.8810

Previews

White Background



This preview shows how the XYZ color 62.3318, 84.5445, 43.6053 looks on a white background.

Color Contrast Check

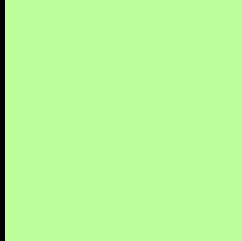
Large Text (above 18pt) WCAG AA × Fail

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 62.3318, 84.5445, 43.6053 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 62.3318, 84.5445, 43.6053

Background



This preview shows how black text looks on a background with the XYZ color 62.3318, 84.5445, 43.6053.

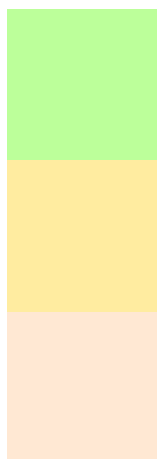


This preview shows how white text looks on a background with the XYZ color 62.3318, 84.5445,

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

62.3318, 84.5445, 43.6053

Protanopia

77.5806, 83.7890, 45.3417

Deuteranopia

81.8545, 83.6764, 73.4650



Tritanopia

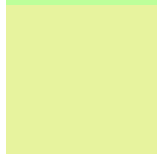
77.2369, 84.4267, 106.8329

Trichromacy



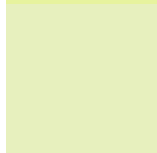
Original Color

62.3318, 84.5445, 43.6053



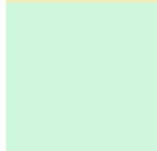
Protanomaly

71.1771, 83.5587, 44.7248



Deuteranomaly

73.4093, 83.0268, 60.8719



Tritanomaly

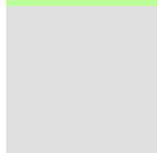
70.7875, 83.9526, 78.8032

Monochromacy



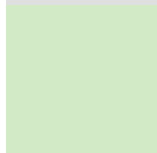
Original Color

62.3318, 84.5445, 43.6053



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.4797, 77.1955, 64.8225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3318, 84.5445, 43.6053 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(188, 255, 154)` looks like.

```
.text, #text, p{  
    color:rgb(188, 255, 154)  
}
```

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(188, 255, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 255, 154) }
```

Border

The CSS property to change the border of an element to XYZ 62.3318, 84.5445, 43.6053 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(188, 255, 154) }
```


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

```
.border{ border-color:rgb(188, 255, 154) }
```

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

Here you see how a box with a 4 pixel rgb(188, 255, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 255, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 255, 154);  
box-shadow:4px 4px 4px 4px rgb(188, 255,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3318, 84.5445, 43.6053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 255, 154) }
```

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

```
.background{ background-color: rgb(188,  
255, 154) }
```

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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