

Converting Colors

XYZ(62.0598, 84.2336, 51.3016)

Have a look what the booklet for
XYZ(62.0598, 84.2336, 51.3016)
contains.

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Color

**XYZ(62.1667, 84.2840,
51.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	B5FFAB
RGB	181, 255, 171
RGB Percent	71%, 100%, 67%
CMY	0.2902, 0.0000, 0.3294
CMYK	0.29, 0.00, 0.33, 0.00
HSL	113°, 100%, 84%
HSV	113°, 33%, 100%
XYZ	62.1667, 84.2840, 51.5200
YIQ	223.2980, -17.1400, -41.8120

Conversions

Conversions Part 2

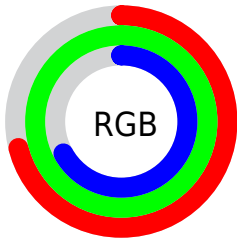
Format	Color
RYB	171, 255, 245
Decimal	11927467
CIELab	93.57, -38.28, 33.07
CIELCh	94, 50.588, 139.175
Yxy	84.2840, 0.3140, 0.4257
Android (android.graphics.Color)	4290117547 (0xFFB5FFAB)
YUV	223.2980, -25.7829, -37.0953
Hunter-Lab	91.8063, -39.7897, 30.9920

Details

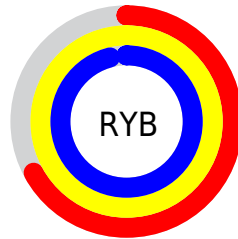
The XYZ color **62.1667, 84.2840, 51.5200** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **70.2702, 55.7596, 101.6668**, and the grayscale version is **70.5371, 74.2105, 80.8153**.

A 20% lighter version of the original color is **84.8850, 95.2432, 86.5829**, and **32.0683, 46.1318, 24.3537** is the 20% darker color. If you saturate the color by 10%, you get **55.1159, 80.9035, 39.7027**, and if you desaturate by 10%, it is **70.5367, 88.2904, 65.8491**.

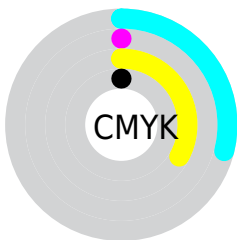
Distribution



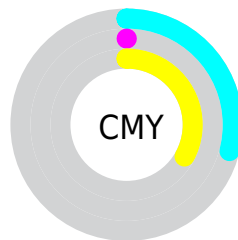
- Red (71%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (96%)



- Cyan (29%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.1667, 84.2840, 51.5200 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 62.1667, 84.2840, 51.5200 by changing the saturation by 10% instead.


 62.1667, 84.2840,
51.5200

 62.1667, 84.2840,
51.5200


422.2468,
509.2559, 409.4848

 45.4235, 63.2499,
36.2430


 107.0550,
139.3724, 93.8423

 31.9938, 46.0434,
24.3308


135.9308,
174.1955, 121.7247

 21.5123, 32.2801,
15.3647


169.5816,
214.3837, 154.6460

 13.6136, 21.5755,
8.9263

208.3726,
260.3215, 193.0248

 7.9323, 13.5453,
4.5970

252.6693,
312.3932, 237.2795

 4.1031, 7.8051,
1.9582

302.8370,

 1.7606, 3.9705,

370.9833, 287.8287

0.5294

359.2410,
436.4760, 345.0910

0.4938, 1.6571,
0.0000

0.0000, 0.3956,
0.0000

62.1667, 84.2840,
51.5200

62.1667, 84.2840,
51.5200

55.1159, 80.9035,
39.7027

70.5367, 88.2904,
65.8491

49.3153, 78.1163,
30.2489

80.2873, 92.9515,
82.8189

44.6914, 75.8883,
23.0007

91.4778, 98.2952,
102.5543

41.1626, 74.1811,
17.7795

95.0500, 100.0000,
108.9000

■ 38.6367, 72.9516,
14.3788

■ 37.0055, 72.1495,
12.5482

■ 36.3058, 71.8014,
11.9455

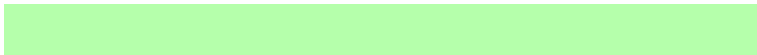
Harmonies

Analogous

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



71.9485, 84.2840, 38.2657



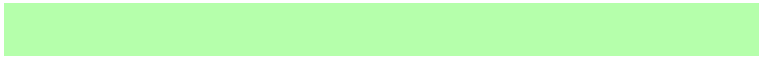
62.1667, 84.2840, 51.5200



57.3926, 84.2840, 78.6099

Triad

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



62.1667, 84.2840, 51.5200



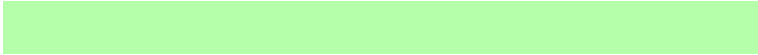
75.3715, 84.2840, 184.8949



106.9654, 84.2840, 69.6240

Complementary

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



62.1667, 84.2840, 51.5200



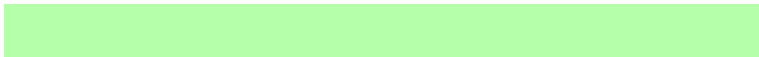
70.2702, 55.7596, 101.6668

Split Complementary

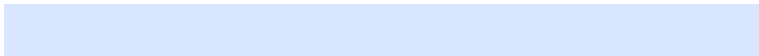
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



108.1460, 84.2840, 106.3246



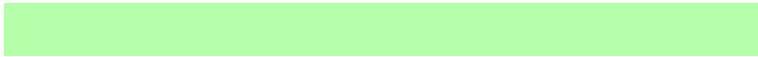
62.1667, 84.2840, 51.5200



88.8653, 84.2840, 180.4984

Square

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



62.1667, 84.2840, 51.5200



64.4318, 84.2840, 159.6241



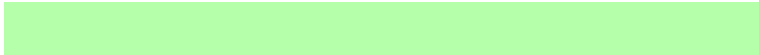
101.2097, 84.2840, 148.8959



98.1438, 84.2840, 46.5253

Rectangle

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



62.1667, 84.2840, 51.5200



57.2896, 84.2840, 104.0349



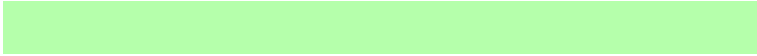
101.2097, 84.2840, 148.8959



108.3033, 84.2840, 80.5108

Sweetspot

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



62.1672, 84.2842, 51.5213



83.4255, 94.4506, 88.3291



80.8816, 88.7817, 51.4030



17.5321, 20.0614, 18.3359



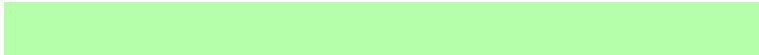
0.0000, 0.0000, 0.0000



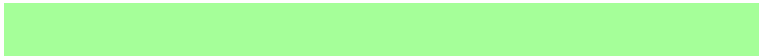
20.3446, 21.4041, 23.3091

Same Dimension

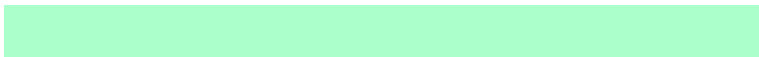
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.1672, 84.2842, 51.5213



57.0562, 81.8344, 42.9254



63.1923, 84.4331, 68.7207



17.9723, 20.2717, 19.1099



19.0334, 37.5501, 6.2447



1.9143, 3.6876, 0.6109

Inverse Universe

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



70.2702, 55.7596, 101.6668



66.3547, 49.0321, 100.5746



69.2852, 55.7795, 77.7788



18.5673, 18.1842, 22.7812



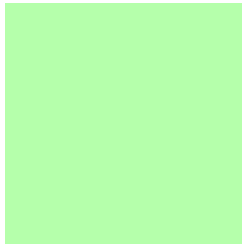
25.6835, 12.1508, 50.4263



2.5583, 1.2127, 4.9125

Previews

White Background



This preview shows how the XYZ color 62.1667, 84.2840, 51.5200 looks on a white background.

Color Contrast Check

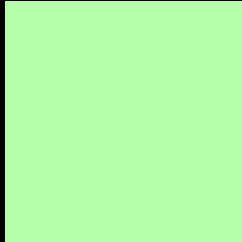
Large Text (above 18pt) WCAG AA × Fail

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 62.1667, 84.2840, 51.5200 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 62.1667, 84.2840, 51.5200

Background



This preview shows how black text looks on a background with the XYZ color 62.1667, 84.2840, 51.5200.



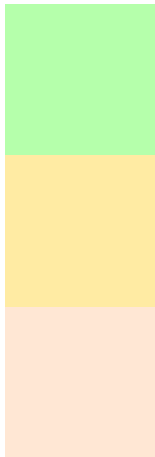
This preview shows how white text looks on a background with the XYZ color 62.1667, 84.2840,

51.5200.

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

62.1667, 84.2840, 51.5200

Protanopia

77.5592, 83.3210, 46.6451

Deuteranopia

81.6996, 83.1653, 74.0338



Tritanopia

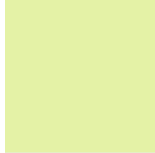
76.0836, 83.8322, 106.7789

Trichromacy



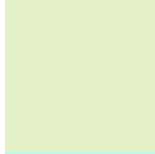
Original Color

62.1667, 84.2840, 51.5200



Protanomaly

70.6300, 82.7514, 48.3264



Deuteranomaly

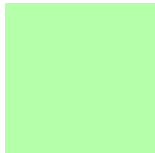
73.2330, 82.8454, 64.9543



Tritanomaly

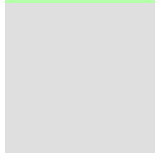
69.9635, 83.4355, 82.9382

Monochromacy



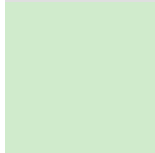
Original Color

62.1667, 84.2840, 51.5200



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.6198, 77.1862, 68.5139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1667, 84.2840, 51.5200 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(181, 255, 171)` looks like.

```
.text, #text, p{  
    color:rgb(181, 255, 171)  
}
```

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(181, 255, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 171) }
```

Border

The CSS property to change the border of an element to XYZ 62.1667, 84.2840, 51.5200 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(181, 255, 171) }
```


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

```
.border{ border-color:rgb(181, 255, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 255, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 171);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1667, 84.2840, 51.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 171) }
```

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

```
.background{ background-color: rgb(181,  
255, 171) }
```

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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