

Converting Colors

XYZ(62.1665, 84.4784, 42.7352)

Have a look what the booklet for
XYZ(62.1665, 84.4784, 42.7352)
contains.

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Color

**XYZ(62.1665, 84.4784,
42.7352)**

Conversions

Conversions Part 1

Format	Color
Hex	BCFF98
RGB	188, 255, 152
RGB Percent	74%, 100%, 60%
CMY	0.2627, 0.0000, 0.4039
CMYK	0.26, 0.00, 0.40, 0.00
HSL	99°, 100%, 80%
HSV	99°, 40%, 100%
XYZ	62.1665, 84.4784, 42.7352
YIQ	223.2250, -6.8690, -46.2370

Conversions

Conversions Part 2

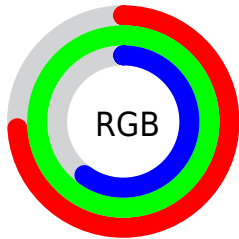
Format	Color
RYB	152, 255, 219
Decimal	12386200
CIELab	93.66, -38.64, 42.63
CIElCh	94, 57.540, 132.190
Yxy	84.4784, 0.3283, 0.4461
Android (android.graphics.Color)	4290576280 (0xFFBCFF98)
YUV	223.2250, -35.1139, -30.8923
Hunter-Lab	91.9121, -40.1144, 36.7712

Details

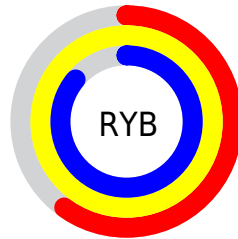
The XYZ color **62.1665, 84.4784, 42.7352** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **58.4929, 44.7379, 100.1601**, and the grayscale version is **70.5442, 74.2179, 80.8233**.

A 20% lighter version of the original color is **85.0285, 95.6178, 73.0061**, and **31.9619, 46.1946, 19.0363** is the 20% darker color. If you saturate the color by 10%, you get **56.4430, 81.7437, 32.7125**, and if you desaturate by 10%, it is **68.8094, 87.6350, 55.1469**.

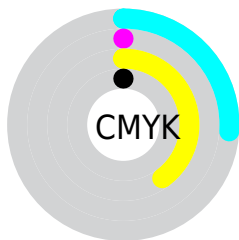
Distribution



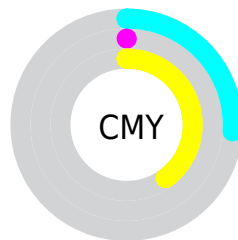
- Red (74%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (86%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1665, 84.4784, 42.7352 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 62.1665, 84.4784, 42.7352 by changing the saturation by 10% instead.


 62.1665, 84.4784,
42.7352


 62.1665, 84.4784,
42.7352


422.2461,
509.9005, 373.4108

 45.4234, 63.4105,
29.3475


 107.0547,
139.6442, 80.5932

 31.9937, 46.1734,
19.0961


 135.9305,
174.5109, 105.9006

 21.5122, 32.3827,
11.5622


169.5812,
214.7459, 136.0183

 13.6135, 21.6539,
6.3274

208.3722,
260.7337, 171.3649

 7.9323, 13.6028,
2.9732

252.6688,
312.8587, 212.3589

 4.1031, 7.8450,
1.0810

302.8364,

 1.7606, 3.9959,

371.5052, 259.4189

0.0000

359.2404,
437.0577, 312.9633

■ 0.4938, 1.6713,
0.0000

■ 0.0000, 0.4050,
0.0000

■ 62.1665, 84.4784,
42.7352

■ 62.1665, 84.4784,
42.7352

■ 56.4430, 81.7437,
32.7125

■ 68.8094, 87.6350,
55.1469

■ 51.5930, 79.4109,
24.9213

■ 76.4122, 91.2317,
70.0839

■ 47.5678, 77.4584,
19.1911

■ 85.0141, 95.2857,
87.6766

■ 44.3122, 75.8623,
15.3253

■ 94.6516, 99.8131,
108.0456

■ 41.7631, 74.5950, 95.0500, 100.0000,
13.0890 108.9000

■ 39.8916, 73.6499,
12.1134

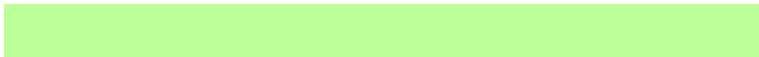
Harmonies

Analogous

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



74.2599, 84.4784, 31.8924



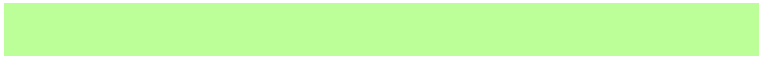
62.1665, 84.4784, 42.7352



55.4862, 84.4784, 68.6131

Triad

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



62.1665, 84.4784, 42.7352



71.6551, 84.4784, 197.3457



112.5029, 84.4784, 75.3642

Complementary

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



62.1665, 84.4784, 42.7352



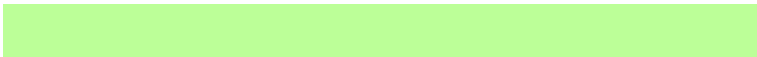
58.4929, 44.7379, 100.1601

Split Complementary

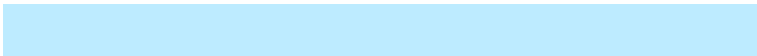
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



111.5738, 84.4784, 120.1341



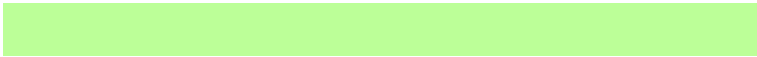
62.1665, 84.4784, 42.7352



86.6468, 84.4784, 200.9117

Square

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



62.1665, 84.4784, 42.7352



60.4682, 84.4784, 160.6982



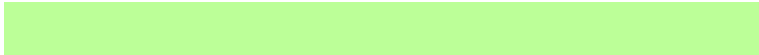
101.6421, 84.4784, 169.2917



104.0395, 84.4784, 46.3234

Rectangle

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



62.1665, 84.4784, 42.7352



54.4116, 84.4784, 95.2299



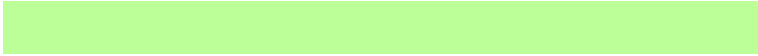
101.6421, 84.4784, 169.2917



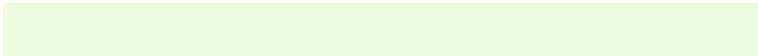
113.3059, 84.4784, 88.8100

Sweetspot

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



62.1668, 84.4785, 42.7365



83.5611, 94.6018, 84.6616



72.2265, 74.1646, 40.2155



17.6372, 20.1318, 17.6084



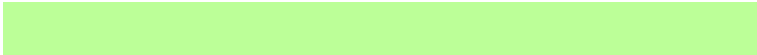
0.0000, 0.0000, 0.0000



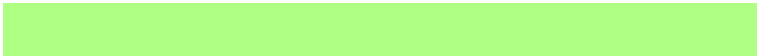
20.3446, 21.4041, 23.3091

Same Dimension

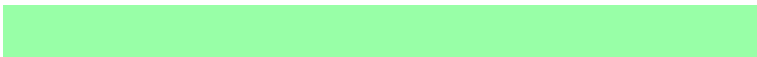
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.1668, 84.4785, 42.7365



57.7304, 82.3603, 34.9001



55.7264, 81.0025, 49.4769



18.3703, 20.4768, 19.1285



20.9893, 38.5584, 6.3363



2.1564, 3.8124, 0.6222

Inverse Universe

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



58.4929, 44.7379, 100.1601



53.5981, 37.9157, 99.1013



68.1302, 49.9820, 88.1450



18.1404, 17.9641, 22.7613



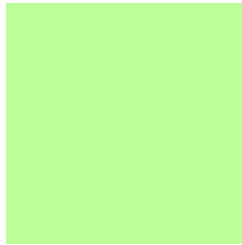
17.8028, 8.0882, 50.0574



1.8516, 0.8485, 4.8794

Previews

White Background



This preview shows how the XYZ color 62.1665, 84.4784, 42.7352 looks on a white background.

Color Contrast Check

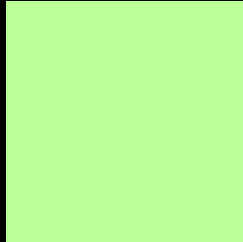
Large Text (above 18pt) WCAG AA × Fail

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 62.1665, 84.4784, 42.7352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

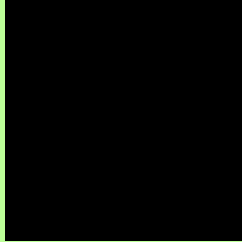
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

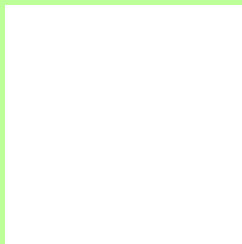
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.1665, 84.4784, 42.7352

Background



This preview shows how black text looks on a background with the XYZ color 62.1665, 84.4784, 42.7352.



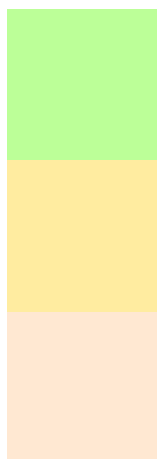
This preview shows how white text looks on a background with the XYZ color 62.1665, 84.4784,

42.7352.

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

62.1665, 84.4784, 42.7352

Protanopia

77.5806, 83.7890, 45.3417

Deuteranopia

81.7295, 83.6264, 72.8067



Tritanopia

76.9416, 83.8363, 106.7345

Trichromacy



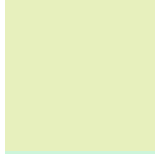
Original Color

62.1665, 84.4784, 42.7352



Protanomaly

71.0914, 83.5244, 44.2732



Deuteranomaly

73.3004, 82.9832, 60.2981



Tritanomaly

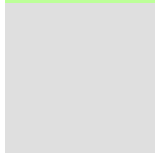
70.4841, 83.3459, 78.7021

Monochromacy



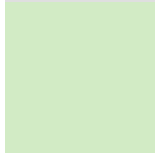
Original Color

62.1665, 84.4784, 42.7352



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.3647, 77.1495, 64.2169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1665, 84.4784, 42.7352 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(188, 255, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 255, 152) }
```

Border

The CSS property to change the border of an element to XYZ 62.1665, 84.4784, 42.7352 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, 152) }
```


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

```
.border{ border-color:rgb(188, 255, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 255, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 255, 152);  
box-shadow:4px 4px 4px 4px rgb(188, 255,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1665, 84.4784, 42.7352 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, 152) }
```

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

```
.background{ background-color: rgb(188,  
255, 152) }
```

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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