

Converting Colors

XYZ(62.6440, 84.5085, 52.5156)

Have a look what the booklet for
XYZ(62.6440, 84.5085, 52.5156)
contains.

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Color

**XYZ(62.5942, 84.4822,
52.5428)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FFAD
RGB	182, 255, 173
RGB Percent	71%, 100%, 68%
CMY	0.2863, 0.0000, 0.3216
CMYK	0.29, 0.00, 0.32, 0.00
HSL	113°, 100%, 84%
HSV	113°, 32%, 100%
XYZ	62.5942, 84.4822, 52.5428
YIQ	223.8250, -17.1860, -40.9780

Conversions

Conversions Part 2

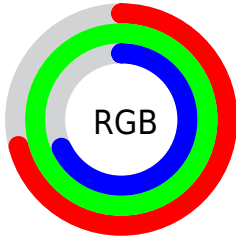
Format	Color
RYB	173, 255, 246
Decimal	11993005
CIELab	93.66, -37.66, 32.20
CIElCh	94, 49.544, 139.471
Yxy	84.4822, 0.3136, 0.4232
Android (android.graphics.Color)	4290183085 (0xFFB6FFAD)
YUV	223.8250, -25.0567, -36.6805
Hunter-Lab	91.9142, -39.2901, 30.4468

Details

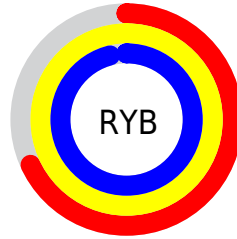
The XYZ color **62.5942, 84.4822, 52.5428** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **71.0007, 56.7012, 101.8100**, and the grayscale version is **70.9082, 74.6010, 81.2405**.

A 20% lighter version of the original color is **85.4995, 95.5279, 88.0612**, and **32.3366, 46.2563, 24.9933** is the 20% darker color. If you saturate the color by 10%, you get **55.4235, 81.0440, 40.5329**, and if you desaturate by 10%, it is **71.1060, 88.5573, 67.0761**.

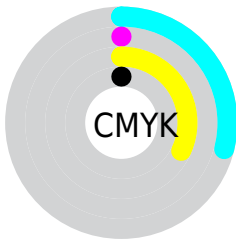
Distribution



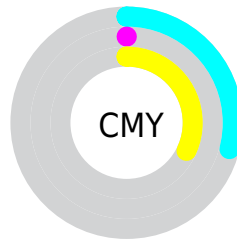
- Red (71%)
- Green (100%)
- Blue (68%)



- Red (68%)
- Yellow (100%)
- Blue (96%)



- Cyan (29%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (29%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5942, 84.4822, 52.5428 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 62.5942, 84.4822, 52.5428 by changing the saturation by 10% instead.


 62.5942, 84.4822,
52.5428

 62.5942, 84.4822,
52.5428


423.7784,
509.9131, 413.5450

 45.7704, 63.4136,
37.0527


 107.6690,
139.6495, 95.3660

 32.2685, 46.1759,
24.9522


136.6506,
174.5170, 123.5361

 21.7232, 32.3847,
15.8227


170.4157,
214.7530, 156.7701

 13.7691, 21.6555,
9.2458

209.3294,
260.7418, 195.4863

 8.0409, 13.6040,
4.8029

253.7572,
312.8678, 240.1033

 4.1732, 7.8457,
2.0754

304.0643,

 1.8006, 3.9964,

371.5154, 291.0398

0.6010

360.6163,
437.0691, 348.7141

■ 0.5180, 1.6715,
0.0000

■ 0.0000, 0.4051,
0.0000

■ 62.5942, 84.4822,
52.5428

■ 62.5942, 84.4822,
52.5428

■ 55.4235, 81.0440,
40.5329

■ 71.1060, 88.5573,
67.0761

■ 49.5237, 78.2096,
30.8990

■ 81.0211, 93.2987,
84.2610

■ 44.8204, 75.9442,
23.4845

■ 92.3997, 98.7345,
104.2217

■ 41.2310, 74.2090,
18.1123

95.0500, 100.0000,
108.9000

■ 38.6618, 72.9601,
14.5787

■ 37.0036, 72.1465,
12.6373

■ 36.2384, 71.7666,
11.9424

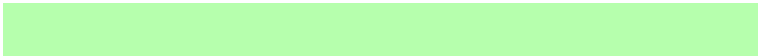
Harmonies

Analogous

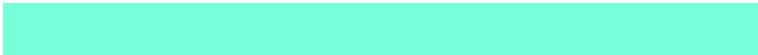
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1717, 84.4822, 39.2653



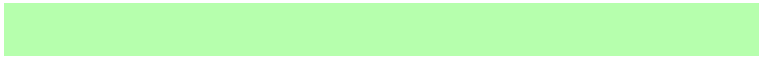
62.5942, 84.4822, 52.5428



57.9433, 84.4822, 79.3956

Triad

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



62.5942, 84.4822, 52.5428



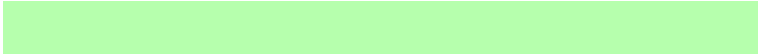
75.7717, 84.4822, 182.9731



106.5338, 84.4822, 69.9262

Complementary

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



62.5942, 84.4822, 52.5428



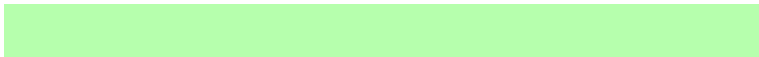
71.0007, 56.7012, 101.8100

Split Complementary

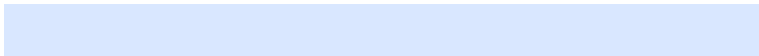
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



107.7688, 84.4822, 105.8433



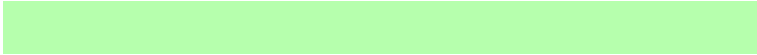
62.5942, 84.4822, 52.5428



89.0120, 84.4822, 178.3962

Square

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



62.5942, 84.4822, 52.5428



64.9819, 84.4822, 158.6257



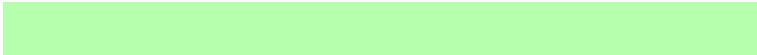
101.0595, 84.4822, 147.4346



97.8489, 84.4822, 47.2430

Rectangle

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



62.5942, 84.4822, 52.5428



57.8783, 84.4822, 104.4068



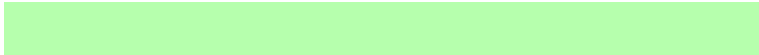
101.0595, 84.4822, 147.4346



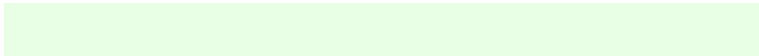
107.8673, 84.4822, 80.5929

Sweetspot

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



62.5947, 84.4824, 52.5441



83.3484, 94.4109, 88.3255



81.5668, 89.8447, 52.5792



17.5136, 20.0518, 18.3350



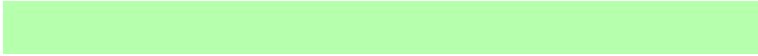
0.0000, 0.0000, 0.0000



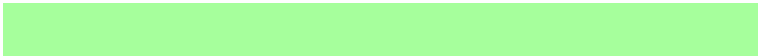
20.3446, 21.4041, 23.3091

Same Dimension

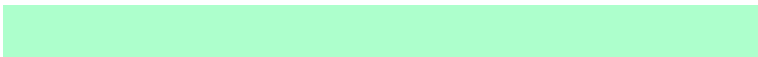
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.5947, 84.4824, 52.5441



57.5460, 82.0623, 44.0597



63.9455, 84.7851, 70.3955



17.9566, 20.2635, 19.1092



18.9944, 37.5300, 6.2429



1.9069, 3.6838, 0.6105

Inverse Universe

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



71.0007, 56.7012, 101.8100



67.2013, 50.0947, 100.7351



69.5800, 56.5065, 77.4535



18.5848, 18.1932, 22.7821



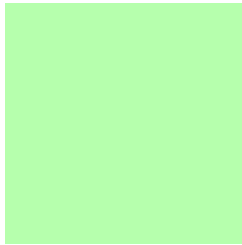
26.0659, 12.3479, 50.4441



2.5917, 1.2300, 4.9141

Previews

White Background



This preview shows how the XYZ color 62.5942, 84.4822, 52.5428 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 62.5942, 84.4822, 52.5428 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

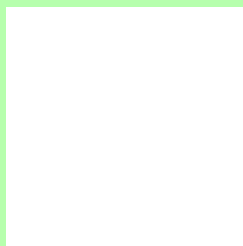
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5942, 84.4822, 52.5428

Background



This preview shows how black text looks on a background with the XYZ color 62.5942, 84.4822, 52.5428.



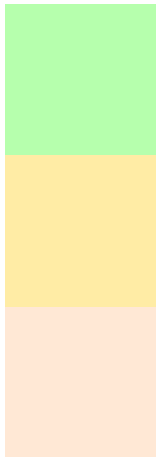
This preview shows how white text looks on a background with the XYZ color 62.5942, 84.4822, 52.5428.

52.5428.

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

62.5942, 84.4822, 52.5428

Protanopia

78.0270, 83.9675, 47.6922

Deuteranopia

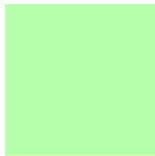
82.1069, 83.7773, 74.7939



Tritanopia

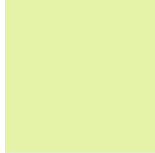
76.3693, 83.9795, 106.7923

Trichromacy



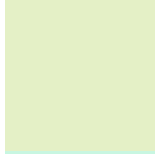
Original Color

62.5942, 84.4822, 52.5428



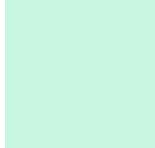
Protanomaly

71.1134, 83.4223, 49.3998



Deuteranomaly

73.3480, 82.8914, 65.5599



Tritanomaly

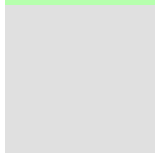
70.3658, 83.6271, 83.6671

Monochromacy



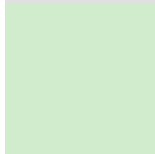
Original Color

62.5942, 84.4822, 52.5428



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

67.0223, 77.3797, 69.1609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5942, 84.4822, 52.5428 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(182, 255, 173)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 173)  
}
```

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(182, 255, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 173) }
```

Border

The CSS property to change the border of an element to XYZ 62.5942, 84.4822, 52.5428 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(182, 255, 173) }
```


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

```
.border{ border-color:rgb(182, 255, 173) }
```

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

Here you see how a box with a 4 pixel rgb(182, 255, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 173);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5942, 84.4822, 52.5428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 255, 173) }
```

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

```
.background{ background-color: rgb(182,  
255, 173) }
```

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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