

Converting Colors

XYZ(62.0265, 84.2551, 49.5529)

Have a look what the booklet for
XYZ(62.0265, 84.2551, 49.5529)
contains.

XYZ(62.0265, 84.2551, 49.5529)	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(62.0265, 84.2551,
49.5529)**

Conversions

Conversions Part 1

Format	Color
Hex	B6FFA7
RGB	182, 255, 167
RGB Percent	71%, 100%, 65%
CMY	0.2863, 0.0000, 0.3451
CMYK	0.29, 0.00, 0.35, 0.00
HSL	110°, 100%, 83%
HSV	110°, 35%, 100%
XYZ	62.0265, 84.2551, 49.5529
YIQ	223.1410, -15.2600, -42.8440

Conversions

Conversions Part 2

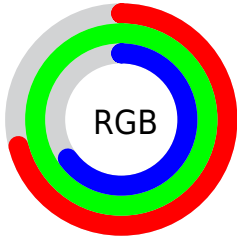
Format	Color
RYB	167, 255, 240
Decimal	11992999
CIELab	93.56, -38.55, 35.06
CIElCh	94, 52.111, 137.717
Yxy	84.2551, 0.3167, 0.4302
Android (android.graphics.Color)	4290183079 (0xFFB6FFA7)
YUV	223.1410, -27.6775, -36.0807
Hunter-Lab	91.7906, -40.0140, 32.2459

Details

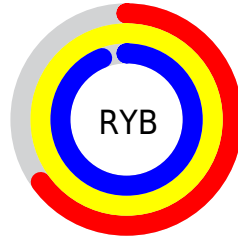
The XYZ color **62.0265, 84.2551, 49.5529** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **67.8048, 53.3839, 101.3382**, and the grayscale version is **70.4375, 74.1057, 80.7011**.

A 20% lighter version of the original color is **85.0145, 95.3730, 83.7401**, and **31.9837, 46.1151, 23.1350** is the 20% darker color. If you saturate the color by 10%, you get **55.2724, 81.0193, 38.1209**, and if you desaturate by 10%, it is **70.0010, 88.0664, 63.4707**.

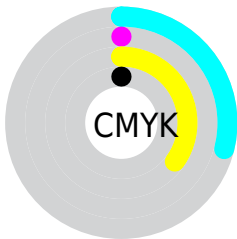
Distribution



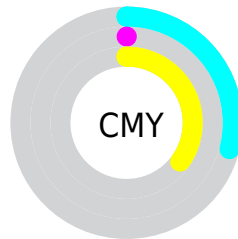
- Red (71%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (94%)



- Cyan (29%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0265, 84.2551, 49.5529 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 62.0265, 84.2551, 49.5529 by changing the saturation by 10% instead.

62.0265, 84.2551,
49.5529

62.0265, 84.2551,
49.5529

421.7438,
509.1600, 401.5998

45.3098, 63.2261,
34.6896

106.8536,
139.3320, 90.9016

31.9038, 46.0241,
23.1422

135.6946,
174.1486, 118.2240

21.4432, 32.2649,
14.4923

169.3078,
214.3299, 150.5365

13.5627, 21.5639,
8.3212

208.0586,
260.2602, 188.2577

7.8968, 13.5368,
4.2104

252.3122,
312.3240, 231.8061

4.0802, 7.7992,
1.7415

302.4340,

1.7476, 3.9667,

370.9056, 281.6002

0.3889

358.7894,
436.3895, 338.0586

■ 0.4858, 1.6550,
0.0000

■ 0.0000, 0.3942,
0.0000

■ 62.0265, 84.2551,
49.5529

■ 62.0265, 84.2551,
49.5529

■ 55.2724, 81.0193,
38.1209

■ 70.0010, 88.0664,
63.4707

■ 49.6762, 78.3299,
29.0248

■ 79.2514, 92.4787,
80.0046

■ 45.1717, 76.1563,
22.1042

■ 89.8313, 97.5172,
99.2806

■ 41.6853, 74.4644,
17.1774

95.0500, 100.0000,
108.9000

■ 39.1336, 73.2159,
14.0329

■ 37.4192, 72.3662,
12.4114

■ 36.7758, 72.0437,
11.9675

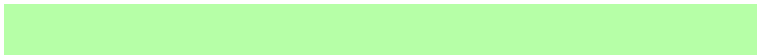
Harmonies

Analogous

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



72.2824, 84.2551, 36.7575



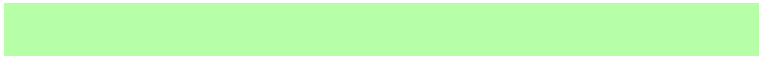
62.0265, 84.2551, 49.5529



56.8711, 84.2551, 76.5169

Triad

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



62.0265, 84.2551, 49.5529



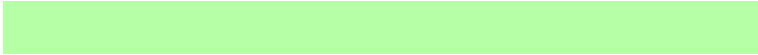
74.5735, 84.2551, 187.7180



108.0822, 84.2551, 70.5203

Complementary

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



62.0265, 84.2551, 49.5529



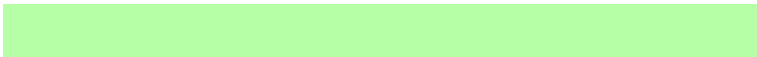
67.8048, 53.3839, 101.3382

Split Complementary

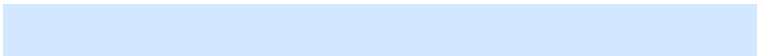
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



108.8785, 84.2551, 108.8579



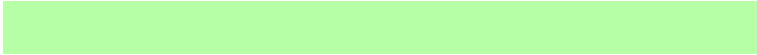
62.0265, 84.2551, 49.5529



88.4233, 84.2551, 184.7314

Square

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



62.0265, 84.2551, 49.5529



63.5374, 84.2551, 160.1536



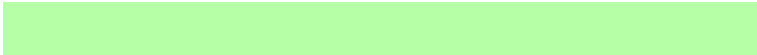
101.3397, 84.2551, 152.8872



99.2747, 84.2551, 46.2533

Rectangle

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



62.0265, 84.2551, 49.5529



56.5797, 84.2551, 102.3167



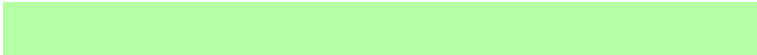
101.3397, 84.2551, 152.8872



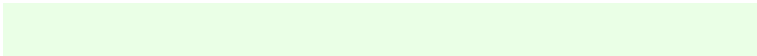
109.3293, 84.2551, 81.9176

Sweetspot

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



62.0270, 84.2553, 49.5542



83.8540, 94.6715, 88.3492



79.0429, 85.7053, 48.9372



17.6349, 20.1144, 18.3407



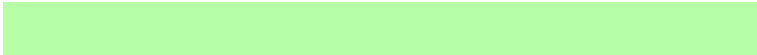
0.0000, 0.0000, 0.0000



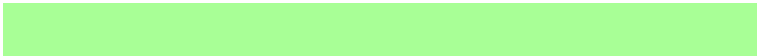
20.3446, 21.4041, 23.3091

Same Dimension

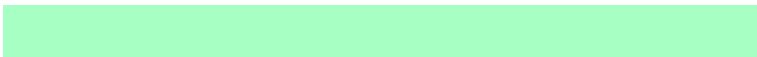
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.0270, 84.2553, 49.5542



57.5073, 82.0910, 41.8587



61.5323, 83.6699, 64.4586



18.0600, 20.3169, 19.1140



19.2998, 37.6875, 6.2572



1.9556, 3.7089, 0.6128

Inverse Universe

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



67.8048, 53.3839, 101.3382



64.0135, 47.2121, 100.3467



68.9428, 54.4518, 79.6467



18.4710, 18.1345, 22.7767



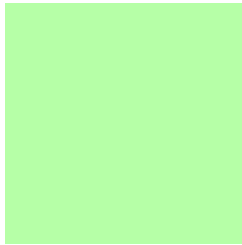
23.6608, 11.1081, 50.3316



2.3804, 1.1211, 4.9042

Previews

White Background



This preview shows how the XYZ color 62.0265, 84.2551, 49.5529 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 62.0265, 84.2551, 49.5529 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 62.0265, 84.2551, 49.5529

Background



This preview shows how black text looks on a background with the XYZ color 62.0265, 84.2551, 49.5529.



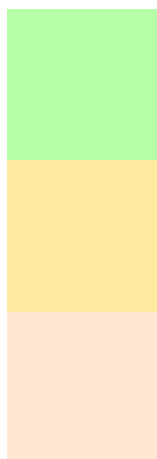
This preview shows how white text looks on a background with the XYZ color 62.0265, 84.2551,

49.5529.

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

62.0265, 84.2551, 49.5529

Protanopia

77.2935, 83.2147, 45.2460

Deuteranopia

81.6996, 83.1653, 74.0338



Tritanopia

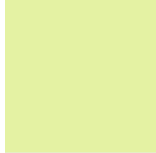
76.0836, 83.8322, 106.7789

Trichromacy



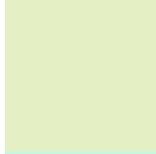
Original Color

62.0265, 84.2551, 49.5529



Protanomaly

70.3579, 82.6426, 46.8937



Deuteranomaly

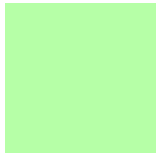
73.1188, 82.7997, 64.3527



Tritanomaly

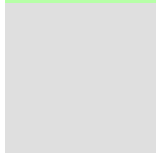
70.0945, 83.5186, 82.2384

Monochromacy



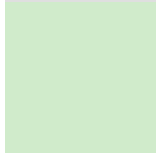
Original Color

62.0265, 84.2551, 49.5529



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

66.5002, 77.1384, 67.8842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0265, 84.2551, 49.5529 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(182, 255, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 255, 167) }
```

Border

The CSS property to change the border of an element to XYZ 62.0265, 84.2551, 49.5529 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, 167) }
```


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

```
.border{ border-color:rgb(182, 255, 167) }
```

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, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 255, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 255, 167);  
box-shadow:4px 4px 4px 4px rgb(182, 255,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0265, 84.2551, 49.5529 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, 167) }
```

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

```
.background{ background-color: rgb(182,  
255, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor