

Converting Colors

XYZ(92.2778, 141.5422,
57.9577)

Have a look what the booklet for
XYZ(92.2778, 141.5422, 57.9577)
contains.

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Color

**XYZ(64.2898, 85.4431,
48.7010)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FFA5
RGB	192, 255, 165
RGB Percent	75%, 100%, 65%
CMY	0.2471, 0.0000, 0.3529
CMYK	0.25, 0.00, 0.35, 0.00
HSL	102°, 100%, 82%
HSV	102°, 35%, 100%
XYZ	64.2898, 85.4431, 48.7010
YIQ	225.9030, -8.6580, -41.3460

Conversions

Conversions Part 2

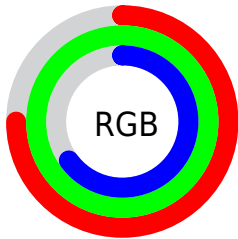
Format	Color
RYB	165, 255, 228
Decimal	12648357
CIELab	94.07, -35.55, 36.83
CIElCh	94, 51.188, 133.987
Yxy	85.4431, 0.3240, 0.4306
Android (android.graphics.Color)	4290838437 (0xFFC0FFA5)
YUV	225.9030, -30.0252, -29.7329
Hunter-Lab	92.4354, -37.6134, 33.4670

Details

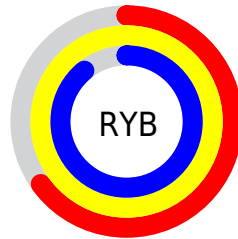
The XYZ color **64.2898, 85.4431, 48.7010** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **63.5010, 50.6254, 101.0326**, and the grayscale version is **72.4329, 76.2051, 82.9873**.

A 20% lighter version of the original color is **88.2355, 97.0645, 82.4914**, and **33.4352, 46.8764, 22.6151** is the 20% darker color. If you saturate the color by 10%, you get **57.9462, 82.4148, 37.4726**, and if you desaturate by 10%, it is **71.6453, 88.9395, 62.3946**.

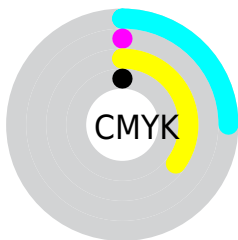
Distribution



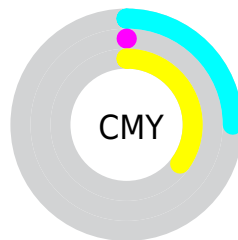
- Red (75%)
- Green (100%)
- Blue (65%)



- Red (65%)
- Yellow (100%)
- Blue (89%)



- Cyan (25%)
- Magenta (0%)
- Yellow (35%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.2898, 85.4431, 48.7010 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 64.2898, 85.4431, 48.7010 by changing the saturation by 10% instead.


 64.2898, 85.4431,
48.7010


 64.2898, 85.4431,
48.7010


429.8211,
513.0931, 398.1526

 47.1480, 64.2076,
34.0184


 110.0996,
140.9921, 89.6236

 33.3611, 46.8188,
22.6303


 139.4983,
176.0743, 116.7007

 22.5638, 32.8924,
14.1180


173.7133,
216.5409, 148.7464

 14.3907, 22.0441,
8.0631

213.1101,
262.7763, 186.1792

 8.4764, 13.8893,
4.0470

258.0538,
315.1648, 229.4177

 4.4556, 8.0437,
1.6512

308.9100,

 1.9630, 4.1229,

374.0908, 278.8804

0.3269

366.0440,
439.9388, 334.9859

0.6130, 1.7426,
0.0000

0.0000, 0.4510,
0.0000

64.2898, 85.4431,
48.7010

64.2898, 85.4431,
48.7010

57.9462, 82.4148,
37.4726

71.6453, 88.9395,
62.3946

52.5659, 79.8329,
28.5591

80.0553, 92.9232,
78.6841

48.0982, 77.6747,
21.7997

89.5613, 97.4128,
97.6954

44.4865, 75.9150,
17.0114

95.0500, 100.0000,
108.9000

■ 41.6667, 74.5255,
13.9807

■ 39.5636, 73.4731,
12.4444

■ 38.7802, 73.0770,
12.0613

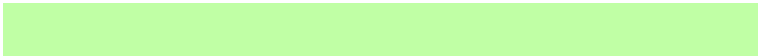
Harmonies

Analogous

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



75.0222, 85.4431, 37.4362



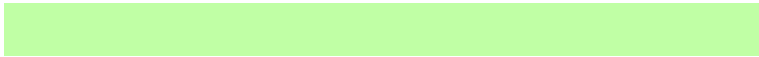
64.2898, 85.4431, 48.7010



58.4752, 85.4431, 73.7735

Triad

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



64.2898, 85.4431, 48.7010



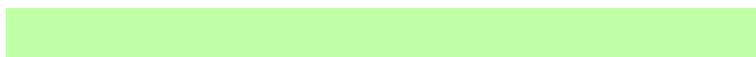
74.1738, 85.4431, 185.7716



109.4804, 85.4431, 75.9985

Complementary

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



64.2898, 85.4431, 48.7010



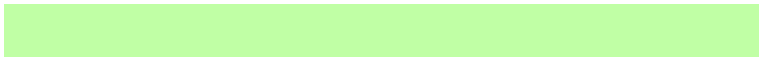
63.5010, 50.6254, 101.0326

Split Complementary

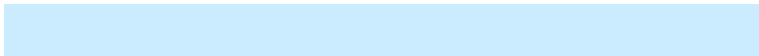
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



109.1871, 85.4431, 115.3828



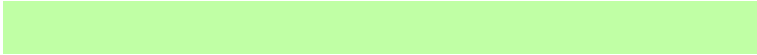
64.2898, 85.4431, 48.7010



87.7313, 85.4431, 186.8663

Square

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



64.2898, 85.4431, 48.7010



63.7290, 85.4431, 155.7185



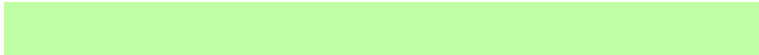
100.8680, 85.4431, 158.3873



101.6294, 85.4431, 49.9340

Rectangle

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



64.2898, 85.4431, 48.7010



57.7104, 85.4431, 98.3657



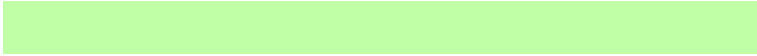
100.8680, 85.4431, 158.3873



110.3562, 85.4431, 87.8966

Sweetspot

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



64.2902, 85.4433, 48.7023



83.9997, 94.7876, 86.5054



75.7754, 79.4639, 46.9428



17.7080, 20.1602, 17.9753



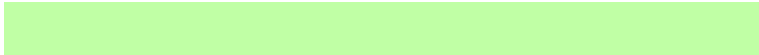
0.0000, 0.0000, 0.0000



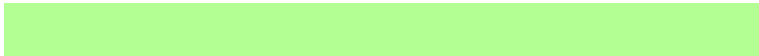
20.3446, 21.4041, 23.3091

Same Dimension

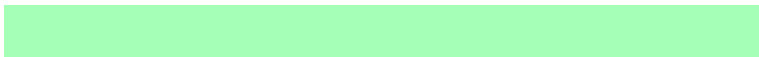
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.2902, 85.4433, 48.7023



59.9265, 83.3617, 40.9075



59.8250, 82.9386, 57.6565



18.2838, 20.4322, 19.1245



20.3941, 38.2516, 6.3084



2.0903, 3.7784, 0.6191

Inverse Universe

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



63.5010, 50.6254, 101.0326



59.0159, 44.0359, 99.9970



69.9817, 54.2856, 86.9109



18.2310, 18.0108, 22.7655



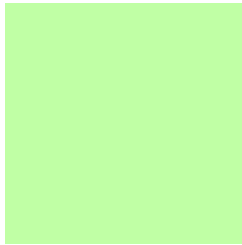
19.2434, 8.8308, 50.1249



1.9841, 0.9168, 4.8857

Previews

White Background



This preview shows how the XYZ color 64.2898, 85.4431, 48.7010 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 64.2898, 85.4431, 48.7010 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

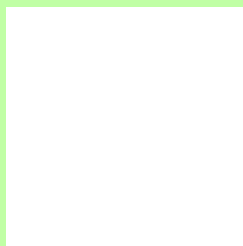
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2898, 85.4431, 48.7010

Background



This preview shows how black text looks on a background with the XYZ color 64.2898, 85.4431, 48.7010.

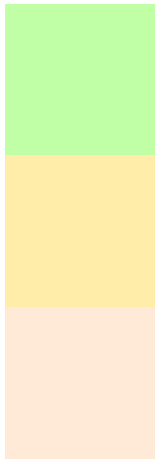


This preview shows how white text looks on a background with the XYZ color 64.2898, 85.4431,

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

64.2898, 85.4431, 48.7010

Protanopia

78.6856, 84.6929, 49.7363

Deuteranopia

82.6447, 84.4441, 76.2335



Tritanopia

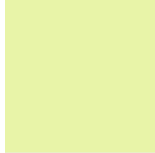
78.1206, 84.8823, 106.8743

Trichromacy



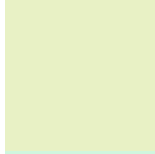
Original Color

64.2898, 85.4431, 48.7010



Protanomaly

72.6973, 84.6843, 49.5599



Deuteranomaly

74.8121, 84.0976, 65.1128



Tritanomaly

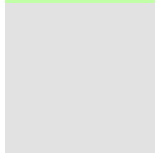
72.1530, 84.5954, 81.6329

Monochromacy



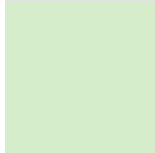
Original Color

64.2898, 85.4431, 48.7010



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

68.9148, 79.2241, 68.7863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2898, 85.4431, 48.7010 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(192, 255, 165)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 165)  
}
```

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(192, 255, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 165) }
```

Border

The CSS property to change the border of an element to XYZ 64.2898, 85.4431, 48.7010 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(192, 255, 165) }
```


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

```
.border{ border-color:rgb(192, 255, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 255, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 165);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2898, 85.4431, 48.7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 255, 165) }
```

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

```
.background{ background-color: rgb(192,  
255, 165) }
```

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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