

Converting Colors

XYZ(64.0154, 85.4220, 43.2511)

Have a look what the booklet for
XYZ(64.0154, 85.4220, 43.2511)
contains.

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Color

**XYZ(64.0154, 85.4220,
43.2511)**

Conversions

Conversions Part 1

Format	Color
Hex	C3FF99
RGB	195, 255, 153
RGB Percent	76%, 100%, 60%
CMY	0.2353, 0.0000, 0.4000
CMYK	0.24, 0.00, 0.40, 0.00
HSL	95°, 100%, 80%
HSV	95°, 40%, 100%
XYZ	64.0154, 85.4220, 43.2511
YIQ	225.4320, -3.0180, -44.4420

Conversions

Conversions Part 2

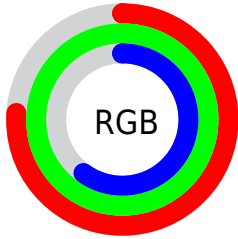
Format	Color
RYB	153, 255, 213
Decimal	12844953
CIELab	94.06, -36.14, 42.75
CIElCh	94, 55.974, 130.210
Yxy	85.4220, 0.3322, 0.4433
Android (android.graphics.Color)	4291035033 (0xFFC3FF99)
YUV	225.4320, -35.7090, -26.6889
Hunter-Lab	92.4240, -38.1081, 36.9512

Details

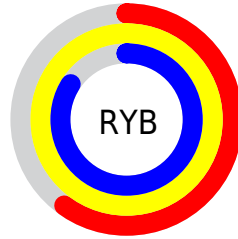
The XYZ color **64.0154, 85.4220, 43.2511** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **56.8830, 44.1499, 100.1315**, and the grayscale version is **72.1292, 75.8856, 82.6394**.

A 20% lighter version of the original color is **87.6532, 96.9567, 73.7692**, and **33.1418, 46.7972, 19.3426** is the 20% darker color. If you saturate the color by 10%, you get **58.4460, 82.7687, 33.1465**, and if you desaturate by 10%, it is **70.4250, 88.4563, 55.7467**.

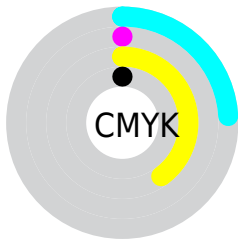
Distribution



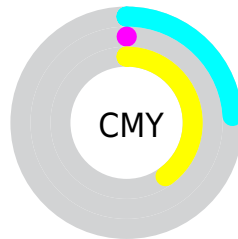
- Red (76%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (84%)



- Cyan (24%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.0154, 85.4220, 43.2511 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 64.0154, 85.4220, 43.2511 by changing the saturation by 10% instead.


 64.0154, 85.4220,
43.2511


 64.0154, 85.4220,
43.2511


428.8466,
513.0234, 375.5949

 46.9249, 64.1901,
29.7493


 109.7067,
140.9626, 81.3801

 33.1840, 46.8047,
19.3980


 139.0382,
176.0402, 106.8443

 22.4273, 32.8813,
11.7785


173.1808,
216.5017, 137.1332

 14.2896, 22.0355,
6.4723

212.4997,
262.7317, 172.6651

 8.4054, 13.8830,
3.0610

257.3604,
315.1144, 213.8587

 4.4094, 8.0393,
1.1258

308.1282,

 1.9363, 4.1201,

374.0344, 261.1325

0.0000

365.1685,
439.8759, 314.9051

■ 0.5978, 1.7410,
0.0000

■ 0.0000, 0.4500,
0.0000

■ 64.0154, 85.4220,
43.2511

■ 64.0154, 85.4220,
43.2511

■ 58.4460, 82.7687,
33.1465

■ 70.4250, 88.4563,
55.7467

■ 53.6754, 80.4787,
25.2761

■ 77.7111, 91.8875,
70.7688

■ 49.6596, 78.5328,
19.4705

■ 85.9088, 95.7308,
88.4474

■ 46.3491, 76.9098,
15.5345

95.0500, 100.0000,
108.9000

■ 43.6865, 75.5853,
13.2353

■ 41.5855, 74.5232,
12.1927

■ 41.5853, 74.5230,
12.1926

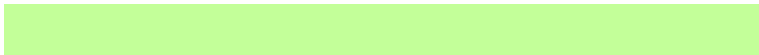
Harmonies

Analogous

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



76.2030, 85.4220, 33.2480



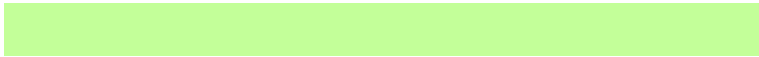
64.0154, 85.4220, 43.2511



57.0412, 85.4220, 67.8340

Triad

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



64.0154, 85.4220, 43.2511



71.8444, 85.4220, 193.9350



112.8854, 85.4220, 79.1711

Complementary

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



64.0154, 85.4220, 43.2511



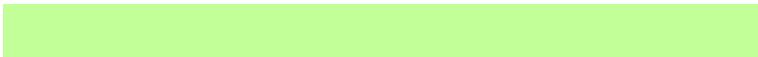
56.8830, 44.1499, 100.1315

Split Complementary

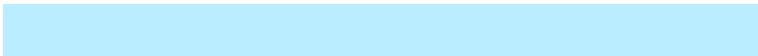
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



111.3449, 85.4220, 123.7521



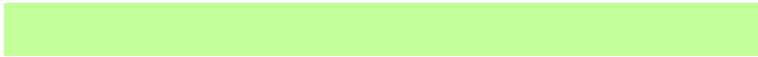
64.0154, 85.4220, 43.2511



86.3922, 85.4220, 199.8000

Square

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



64.0154, 85.4220, 43.2511



61.1622, 85.4220, 156.9046



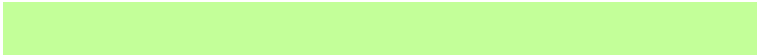
101.1930, 85.4220, 171.0862



105.1749, 85.4220, 49.3516

Rectangle

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



64.0154, 85.4220, 43.2511



55.7104, 85.4220, 93.3115



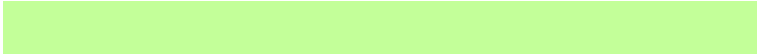
101.1930, 85.4220, 171.0862



113.4530, 85.4220, 92.7092

Sweetspot

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



64.0157, 85.4221, 43.2524



84.1938, 94.9280, 84.6912



70.6590, 70.8979, 40.0988



17.7856, 20.2083, 17.6153



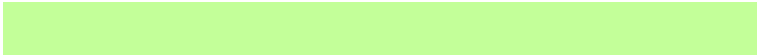
0.0000, 0.0000, 0.0000



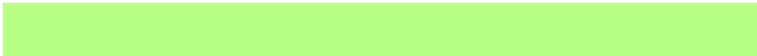
20.3446, 21.4041, 23.3091

Same Dimension

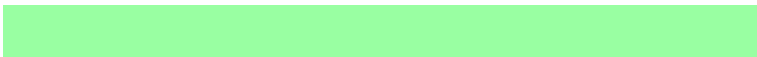
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.0157, 85.4221, 43.2524



59.4941, 83.2695, 34.9826



55.3749, 80.8836, 46.6446



18.4800, 20.5333, 19.1337



21.8888, 39.0222, 6.3784



2.2517, 3.8616, 0.6267

Inverse Universe

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



56.8830, 44.1499, 100.1315



51.4500, 36.8083, 99.0007



69.3432, 50.7280, 93.7286



18.0272, 17.9058, 22.7560



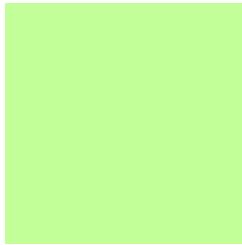
16.1777, 7.2504, 49.9814



1.6994, 0.7700, 4.8723

Previews

White Background



This preview shows how the XYZ color 64.0154, 85.4220, 43.2511 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 64.0154, 85.4220, 43.2511 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

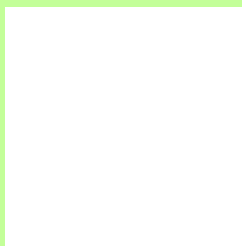
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.0154, 85.4220, 43.2511

Background



This preview shows how black text looks on a background with the XYZ color 64.0154, 85.4220, 43.2511.



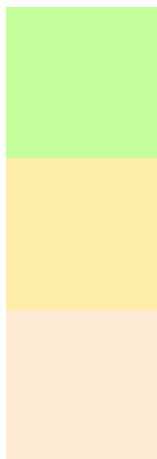
This preview shows how white text looks on a background with the XYZ color 64.0154, 85.4220,

43.2511.

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

64.0154, 85.4220, 43.2511

Protanopia

78.5921, 84.6555, 49.2437

Deuteranopia

82.6731, 84.9097, 74.9827



Tritanopia

78.7187, 85.1907, 106.9023

Trichromacy



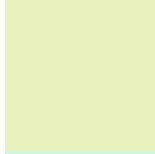
Original Color

64.0154, 85.4220, 43.2511



Protanomaly

72.5658, 84.6693, 47.1685



Deuteranomaly

74.7604, 84.5895, 61.6773



Tritanomaly

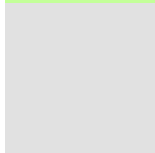
72.1890, 84.6751, 78.8688

Monochromacy



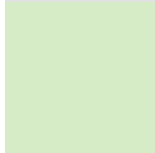
Original Color

64.0154, 85.4220, 43.2511



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

68.0358, 78.4106, 65.5817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.0154, 85.4220, 43.2511 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(195, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 153)  
}
```

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(195, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 153) }
```

Border

The CSS property to change the border of an element to XYZ 64.0154, 85.4220, 43.2511 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(195, 255, 153) }
```


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

```
.border{ border-color:rgb(195, 255, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(195, 255,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 64.0154, 85.4220, 43.2511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 153) }
```

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

```
.background{ background-color: rgb(195,  
255, 153) }
```

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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