

Converting Colors

XYZ(66.4139, 92.4922, 40.5899)

Have a look what the booklet for
XYZ(66.4139, 92.4922, 40.5899)
contains.

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Color

**XYZ(62.5323, 84.7401,
39.4462)**

Conversions

Conversions Part 1

Format	Color
Hex	C0FF90
RGB	192, 255, 144
RGB Percent	75%, 100%, 56%
CMY	0.2471, 0.0000, 0.4353
CMYK	0.25, 0.00, 0.44, 0.00
HSL	94°, 100%, 78%
HSV	94°, 44%, 100%
XYZ	62.5323, 84.7401, 39.4462
YIQ	223.5090, -1.9170, -47.8770

Conversions

Conversions Part 2

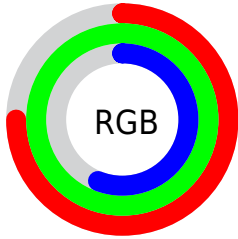
Format	Color
RYB	144, 255, 207
Decimal	12648336
CIELab	93.77, -38.28, 46.68
CIElCh	94, 60.373, 129.352
Yxy	84.7401, 0.3349, 0.4538
Android (android.graphics.Color)	4290838416 (0xFFC0FF90)
YUV	223.5090, -39.1979, -27.6334
Hunter-Lab	92.0544, -39.8406, 39.0317

Details

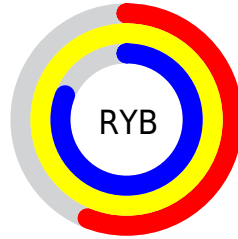
The XYZ color **62.5323, 84.7401, 39.4462** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **53.7565, 40.4332, 99.5788**, and the grayscale version is **70.7725, 74.4581, 81.0849**.

A 20% lighter version of the original color is **85.4931, 95.9675, 68.0504**, and **32.2358, 46.3777, 17.1503** is the 20% darker color. If you saturate the color by 10%, you get **57.3118, 82.2491, 30.1517**, and if you desaturate by 10%, it is **68.5541, 87.5932, 51.0782**.

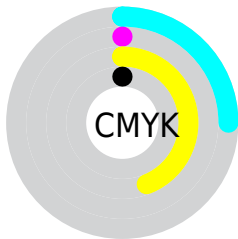
Distribution



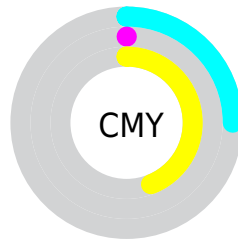
- Red (75%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (81%)



- Cyan (25%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (25%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.5323, 84.7401, 39.4462 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 62.5323, 84.7401, 39.4462 by changing the saturation by 10% instead.

 62.5323, 84.7401,
39.4462

 62.5323, 84.7401,
39.4462


423.5568,
510.7677, 359.2663

 45.7202, 63.6267,
26.7965


 107.5801,
140.0100, 75.5473

 32.2287, 46.3484,
17.1894


 136.5465,
174.9352, 99.8358

 21.6927, 32.5208,
10.2062


170.2950,
215.2332, 128.8410

 13.7466, 21.7596,
5.4285

209.1909,
261.2883, 162.9814

 8.0251, 13.6804,
2.4377

253.5998,
313.4849, 202.6756

 4.1630, 7.8987,
0.8069

303.8868,

 1.7947, 4.0302,

372.2074, 248.3421

0.0000

360.4173,
437.8402, 300.3995

■ 0.5145, 1.6905,
0.0000

■ 0.0000, 0.4175,
0.0000

■ 62.5323, 84.7401,
39.4462

■ 62.5323, 84.7401,
39.4462

■ 57.3118, 82.2491,
30.1517

■ 68.5541, 87.5932,
51.0782

■ 52.8512, 80.1026,
23.0324

■ 75.4133, 90.8241,
65.1876

■ 49.1063, 78.2815,
17.9113

■ 83.1449, 94.4478,
81.9080

■ 46.0266, 76.7644,
14.5819

■ 91.7812, 98.4783,
101.3620

■ 43.5524, 75.5259, 95.0500, 100.0000,
12.7927 108.9000

■ 42.2237, 74.8522,
12.2225

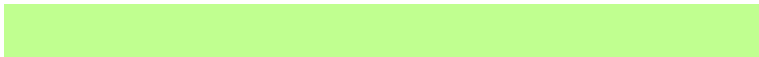
Harmonies

Analogous

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



75.6361, 84.7401, 29.6881



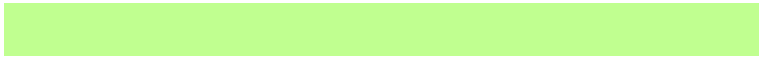
62.5323, 84.7401, 39.4462



54.9997, 84.7401, 64.5019

Triad

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



62.5323, 84.7401, 39.4462



70.1527, 84.7401, 202.0136



114.9556, 84.7401, 78.6501

Complementary

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



62.5323, 84.7401, 39.4462



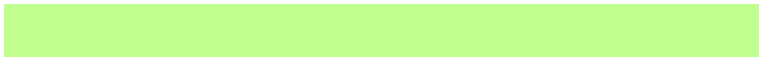
53.7565, 40.4332, 99.5788

Split Complementary

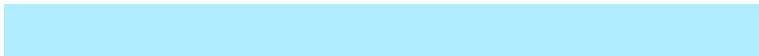
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



112.9759, 84.7401, 127.0382



62.5323, 84.7401, 39.4462



85.6575, 84.7401, 209.6939

Square

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



62.5323, 84.7401, 39.4462



58.9769, 84.7401, 160.3448



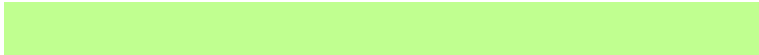
101.7170, 84.7401, 178.7736



106.8136, 84.7401, 46.8400

Rectangle

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



62.5323, 84.7401, 39.4462



53.4796, 84.7401, 91.2723



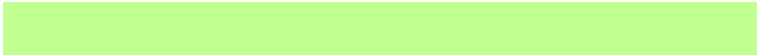
101.7170, 84.7401, 178.7736



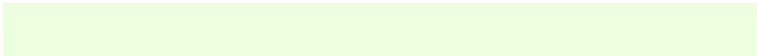
115.4734, 84.7401, 93.2700

Sweetspot

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



62.5326, 84.7402, 39.4475



83.5782, 94.6504, 82.8662



68.5632, 67.8515, 35.8698



17.5052, 20.0795, 16.8906



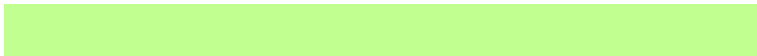
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

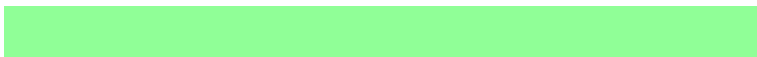
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.5326, 84.7402, 39.4475



58.0594, 82.6071, 31.4273



52.8808, 79.6970, 42.0459



18.5166, 20.5522, 19.1354



22.2263, 39.1962, 6.3942



2.2865, 3.8795, 0.6283

Inverse Universe

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



53.7565, 40.4332, 99.5788



48.2582, 33.1972, 98.4720



68.0950, 47.9599, 94.1503



17.9899, 17.8865, 22.7542



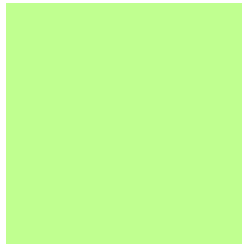
15.6829, 6.9953, 49.9582



1.6523, 0.7457, 4.8701

Previews

White Background



This preview shows how the XYZ color 62.5323, 84.7401, 39.4462 looks on a white background.

Color Contrast Check

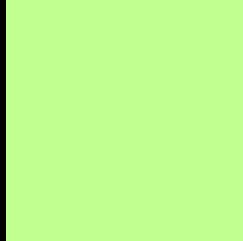
Large Text (above 18pt) WCAG AA × Fail

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 62.5323, 84.7401, 39.4462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

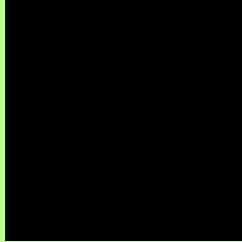
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5323, 84.7401, 39.4462

Background



This preview shows how black text looks on a background with the XYZ color 62.5323, 84.7401, 39.4462.



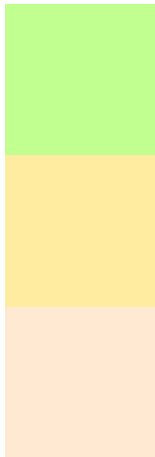
This preview shows how white text looks on a background with the XYZ color 62.5323, 84.7401,

39.4462.

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

62.5323, 84.7401, 39.4462

Protanopia

77.6685, 83.8241, 45.8043

Deuteranopia

82.0118, 84.1910, 72.9008



Tritanopia

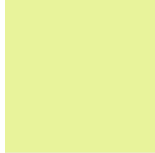
77.5290, 84.1391, 106.7620

Trichromacy



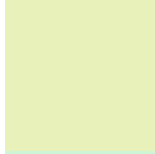
Original Color

62.5323, 84.7401, 39.4462



Protanomaly

71.2457, 83.6235, 43.3963



Deuteranomaly

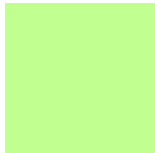
73.5969, 83.6116, 58.7140



Tritanomaly

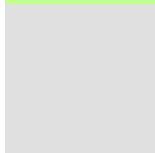
70.6503, 83.4765, 76.6789

Monochromacy



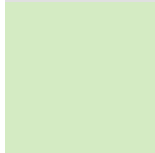
Original Color

62.5323, 84.7401, 39.4462



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

66.7100, 77.3538, 63.0446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5323, 84.7401, 39.4462 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(192, 255, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 255, 144) }
```

Border

The CSS property to change the border of an element to XYZ 62.5323, 84.7401, 39.4462 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, 144) }
```


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

```
.border{ border-color:rgb(192, 255, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 255, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 255, 144);  
box-shadow:4px 4px 4px 4px rgb(192, 255,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5323, 84.7401, 39.4462 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, 144) }
```

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

```
.background{ background-color: rgb(192,  
255, 144) }
```

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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