

Converting Colors

XYZ(41.1945, 67.3621, 10.8310)

Have a look what the booklet for
XYZ(41.1945, 67.3621, 10.8310)
contains.

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Color

**XYZ(41.3134, 67.5544,
10.8619)**

Conversions

Conversions Part 1

Format	Color
Hex	88F000
RGB	136, 240, 0
RGB Percent	53%, 94%, 0%
CMY	0.4667, 0.0588, 0.9999
CMYK	0.43, 0.00, 1.00, 0.06
HSL	86°, 100%, 47%
HSV	86°, 100%, 94%
XYZ	41.3134, 67.5544, 10.8619
YIQ	181.5440, 15.0560, -96.6880

Conversions

Conversions Part 2

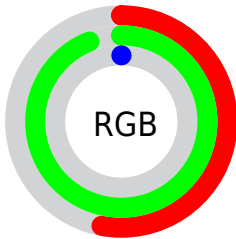
Format	Color
RYB	0, 240, 104
Decimal	8974336
CIELab	85.78, -59.97, 82.73
CIELCh	86, 102.180, 125.937
Yxy	67.5544, 0.3451, 0.5642
Android (android.graphics.Color)	4287164416 (0xFF88F000)
YUV	181.5440, -89.5012, -39.9421
Hunter-Lab	82.1915, -54.1124, 49.6987

Details

The XYZ color **41.3134, 67.5544, 10.8619** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark saturated chartreuse. A complement of this color would be **21.4430, 9.2379, 83.0948**, and the grayscale version is **44.6845, 47.0116, 51.1956**.

A 20% lighter version of the original color is **60.6314, 84.1285, 22.7157**, and **19.6060, 35.2447, 5.7696** is the 20% darker color. If you saturate the color by 10%, you get **41.3122, 67.5559, 10.8622**, and if you desaturate by 10%, it is **43.2523, 68.5370, 11.8155**.

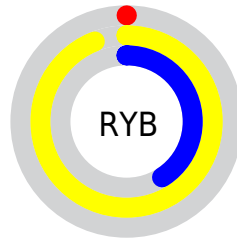
Distribution



Red (53%)

Green (94%)

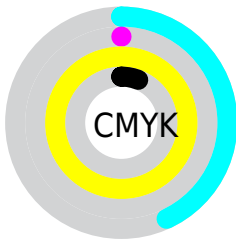
Blue (0%)



Red (0%)

Yellow (94%)

Blue (41%)

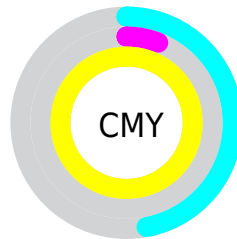


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (47%)


Magenta (6%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3134, 67.5544, 10.8619 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 41.3134, 67.5544, 10.8619 by changing the saturation by 10% instead.


 41.3134, 67.5544,
10.8619


 41.3134, 67.5544,
10.8619


342.6690,
451.9156, 207.4209


 28.7528, 49.5353,
5.8610


 76.4311, 115.7145,
28.0372


 19.0372, 35.0443,
2.6934


 99.7190, 146.6242,
41.0488


 11.8014, 23.6970,
0.9401


 127.3133,
182.5996, 57.5677

 6.6798, 15.1090,
0.0000

 159.5794,
224.0251, 78.0125

 3.3072, 8.8959,
0.0000

 196.8826,
271.2850, 102.8016

 1.3182, 4.6734,
0.0000

 239.5884,

 0.1968, 2.0569,

324.7639, 132.3538

0.0000

288.0621,
384.8459, 167.0873

■ 0.0000, 0.6402,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.3134, 67.5544,
10.8619

■ 41.3134, 67.5544,
10.8619

■ 41.3122, 67.5559,
10.8622

■ 43.2523, 68.5370,
11.8155

■ 45.5621, 69.6851,
13.8495

■ 48.3123, 71.0293,
17.3010

■ 51.5448, 72.5869,
22.3694

■ 55.2955, 74.3727,
29.2225

■ 59.5960, 76.3997,
38.0067

■ 64.4750, 78.6799,
48.8535

■ 69.9589, 81.2242,
61.8829

■ 76.0722, 84.0429,
77.2055

Harmonies

Analogous

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



59.6789, 67.5544, 5.4831



41.3134, 67.5544, 10.8619



31.3380, 67.5544, 32.6200

Triad

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



41.3134, 67.5544, 10.8619



47.5980, 67.5544, 264.3036



119.9665, 67.5544, 61.0497

Complementary

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



41.3134, 67.5544, 10.8619



21.4430, 9.2379, 83.0948

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.



114.5024, 67.5544, 139.3660



41.3134, 67.5544, 10.8619



68.9616, 67.5544, 289.6511

Square

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



41.3134, 67.5544, 10.8619



34.3035, 67.5544, 177.6669



94.3016, 67.5544, 234.3355



107.8130, 67.5544, 20.9812

Rectangle

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



41.3134, 67.5544, 10.8619



29.0491, 67.5544, 64.8221



94.3016, 67.5544, 234.3355



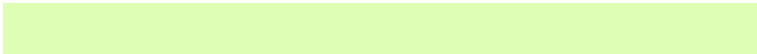
120.1606, 67.5544, 83.0396

Sweetspot

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



41.3150, 67.5573, 10.8634



73.9226, 90.2594, 55.9089



40.8896, 28.4313, 3.3337



15.2985, 19.0749, 10.7786



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.



41.3150, 67.5573, 10.8634



47.3456, 77.4926, 12.4622



31.3760, 62.4336, 10.3982



16.4231, 18.0983, 16.7774



22.7694, 37.0596, 5.9531



2.0080, 3.1417, 0.5006

Inverse Universe

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



21.4430, 9.2379, 83.0948



24.5453, 10.5685, 95.3540



46.4719, 22.1407, 84.2662



15.5471, 15.5638, 19.9063



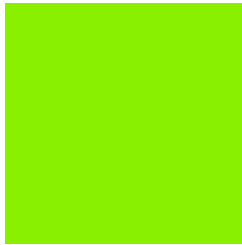
11.8823, 5.1310, 45.4920



1.1005, 0.4846, 3.7897

Previews

White Background



This preview shows how the XYZ color 41.3134, 67.5544, 10.8619 looks on a white background.

Color Contrast Check

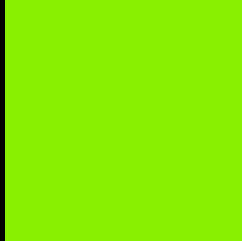
Large Text (above 18pt) WCAG AA × Fail

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 41.3134, 67.5544, 10.8619 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 41.3134, 67.5544, 10.8619

Background



This preview shows how black text looks on a background with the XYZ color 41.3134, 67.5544, 10.8619.



This preview shows how white text looks on a background with the XYZ color 41.3134, 67.5544,

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

41.3134, 67.5544, 10.8619

Protanopia

59.9817, 66.6184, 9.6973

Deuteranopia

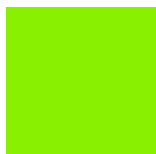
66.5842, 66.3278, 27.7055



Tritanopia

57.7819, 67.1256, 93.1302

Trichromacy



Original Color

41.3134, 67.5544, 10.8619



Protanomaly

50.7448, 65.3319, 9.9358



Deuteranomaly

53.5979, 64.6899, 16.8692



Tritanomaly

47.0955, 65.2086, 40.2413

Monochromacy



Original Color

41.3134, 67.5544, 10.8619



Achromatopsia

44.4628, 46.7784, 50.9417



Achromatomaly

40.0254, 51.9722, 24.4451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3134, 67.5544, 10.8619 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(136, 240, 0)` looks like.

```
.text, #text, p{  
    color:rgb(136, 240, 0)  
}
```

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(136, 240, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 240, 0) }
```

Border

The CSS property to change the border of an element to XYZ 41.3134, 67.5544, 10.8619 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(136, 240, 0) }
```


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

```
.border{ border-color:rgb(136, 240, 0) }
```

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

Here you see how a box with a 4 pixel rgb(136, 240, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 240, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 240, 0);  
box-shadow:4px 4px 4px 4px rgb(136, 240,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3134, 67.5544, 10.8619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 240, 0) }
```

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

```
.background{ background-color: rgb(136,  
240, 0) }
```

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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