

Converting Colors

XYZ(43.5485, 72.7379, 11.7446)

Have a look what the booklet for
XYZ(43.5485, 72.7379, 11.7446)
contains.

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Color

**XYZ(43.5485, 72.7379,
11.7446)**

Conversions

Conversions Part 1

Format	Color
Hex	85F900
RGB	133, 249, 0
RGB Percent	52%, 98%, 0%
CMY	0.4784, 0.0235, 0.9998
CMYK	0.47, 0.00, 1.00, 0.02
HSL	88°, 100%, 49%
HSV	88°, 100%, 98%
XYZ	43.5485, 72.7379, 11.7446
YIQ	185.9300, 10.7930, -102.0310

Conversions

Conversions Part 2

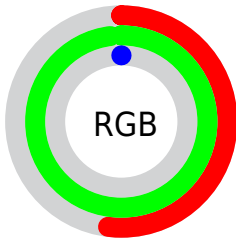
Format	Color
RYB	0, 249, 116
Decimal	8780032
CIELab	88.32, -64.20, 84.66
CIELCh	88, 106.254, 127.175
Yxy	72.7379, 0.3401, 0.5681
Android (android.graphics.Color)	4286970112 (0xFF85F900)
YUV	185.9300, -91.6635, -46.4196
Hunter-Lab	85.2865, -58.1068, 51.5359

Details

The XYZ color **43.5485, 72.7379, 11.7446** is a dark color, and the websafe version is hex **99FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **24.3084, 10.5567, 90.3831**, and the grayscale version is **47.1303, 49.5847, 53.9978**.

A 20% lighter version of the original color is **60.1974, 83.8948, 23.1458**, and **21.0964, 38.8575, 6.3884** is the 20% darker color. If you saturate the color by 10%, you get **43.5471, 72.7395, 11.7450**, and if you desaturate by 10%, it is **45.6590, 73.8080, 12.7561**.

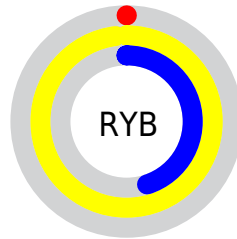
Distribution



Red (52%)

Green (98%)

Blue (0%)



Red (0%)

Yellow (98%)

Blue (45%)

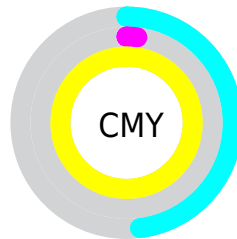


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (48%)


Magenta (2%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5485, 72.7379, 11.7446 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 43.5485, 72.7379, 11.7446 by changing the saturation by 10% instead.


 43.5485, 72.7379,
11.7446


 43.5485, 72.7379,
11.7446


351.7460,
470.1059, 213.6246

 30.5121, 53.7617,
6.4496


 79.7885, 123.1051,
29.6865

 20.3776, 38.4112,
3.0472


 103.7228,
155.2648, 43.1705


 12.7797, 26.3020,
1.1188


 132.0204,
192.5878, 60.2212

 7.3530, 17.0497,
0.0000

 165.0467,
235.4585, 81.2571

 3.7321, 10.2699,
0.0000

 203.1671,
284.2612, 106.6969

 1.5517, 5.5783,
0.0000

 246.7469,

 0.3606, 2.5904,

339.3805, 136.9591

0.0000

296.1514,
401.2006, 172.4621

■ 0.0000, 0.9218,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.5485, 72.7379,
11.7446

■ 43.5485, 72.7379,
11.7446

■ 43.5471, 72.7395,
11.7450

■ 45.6590, 73.8080,
12.7561

■ 48.1993, 75.0717,
14.9494

■ 51.2456, 76.5625,
18.6871

■ 54.8451, 78.3001,
24.1883

■ 59.0383, 80.3012,
31.6366

■ 63.8608, 82.5808,
41.1927

■ 69.3452, 85.1524,
53.0005

■ 75.5212, 88.0286,
67.1913

■ 82.4168, 91.2210,
83.8862

Harmonies

Analogous

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



63.1928, 72.7379, 5.6153



43.5485, 72.7379, 11.7446



33.0877, 72.7379, 36.2760

Triad

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



43.5485, 72.7379, 11.7446



51.8132, 72.7379, 291.7879



130.0511, 72.7379, 62.9299

Complementary

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



43.5485, 72.7379, 11.7446



24.3084, 10.5567, 90.3831

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.



124.8586, 72.7379, 147.0763



43.5485, 72.7379, 11.7446



75.4389, 72.7379, 316.0253

Square

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



43.5485, 72.7379, 11.7446



36.9761, 72.7379, 197.8868



103.1785, 72.7379, 251.9352



115.9988, 72.7379, 21.0594

Rectangle

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



43.5485, 72.7379, 11.7446



30.8295, 72.7379, 72.4813



103.1785, 72.7379, 251.9352



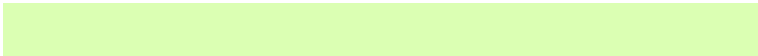
130.5458, 72.7379, 86.3199

Sweetspot

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



43.5502, 72.7410, 11.7462



73.1665, 89.8696, 55.8735



44.8712, 31.7453, 3.7636



15.1192, 18.9824, 10.7702



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.



43.5502, 72.7410, 11.7462



45.9431, 76.7696, 12.3966



34.0360, 67.8363, 11.3009



17.9026, 19.7656, 18.3340



23.4748, 39.0200, 6.2944



2.2966, 3.6770, 0.5887

Inverse Universe

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



24.3084, 10.5567, 90.3831



25.6327, 11.1290, 95.4049



51.8773, 24.7690, 91.6733



17.0519, 17.0394, 21.7755



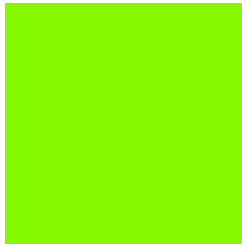
13.1701, 5.7321, 48.3858



1.3408, 0.5933, 4.4870

Previews

White Background



This preview shows how the XYZ color 43.5485, 72.7379, 11.7446 looks on a white background.

Color Contrast Check

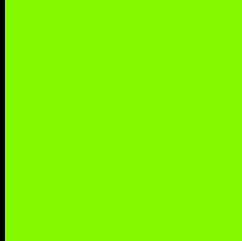
Large Text (above 18pt) WCAG AA × Fail

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 43.5485, 72.7379, 11.7446 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 43.5485, 72.7379, 11.7446

Background



This preview shows how black text looks on a background with the XYZ color 43.5485, 72.7379, 11.7446.



This preview shows how white text looks on a background with the XYZ color 43.5485, 72.7379, 11.7446.

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

43.5485, 72.7379, 11.7446

Protanopia

64.5679, 71.6694, 10.4305

Deuteranopia

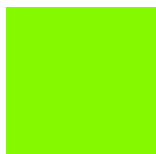
70.9541, 71.6201, 39.7901



Tritanopia

61.1411, 71.9465, 101.1071

Trichromacy



Original Color

43.5485, 72.7379, 11.7446



Protanomaly

54.0295, 70.2736, 10.7165



Deuteranomaly

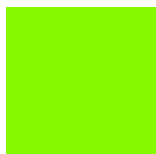
56.4907, 69.6501, 21.7757



Tritanomaly

49.9694, 70.4246, 43.7605

Monochromacy



Original Color

43.5485, 72.7379, 11.7446



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

42.0068, 55.1244, 25.5656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5485, 72.7379, 11.7446 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(133, 249, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 249, 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(133, 249, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 249, 0) }
```

Border

The CSS property to change the border of an element to XYZ 43.5485, 72.7379, 11.7446 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(133, 249, 0) }
```


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

```
.border{ border-color:rgb(133, 249, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 249, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 249, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 249, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 249,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5485, 72.7379, 11.7446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 249, 0) }
```

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

```
.background{ background-color: rgb(133,  
249, 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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