

Converting Colors

XYZ(39.9864, 69.1229, 11.5189)

Have a look what the booklet for
XYZ(39.9864, 69.1229, 11.5189)
contains.

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Color

**XYZ(39.9097, 69.0397,
11.5097)**

Conversions

Conversions Part 1

Format	Color
Hex	74F50A
RGB	116, 245, 10
RGB Percent	45%, 96%, 4%
CMY	0.5451, 0.0392, 0.9606
CMYK	0.53, 0.00, 0.96, 0.04
HSL	93°, 92%, 50%
HSV	93°, 96%, 96%
XYZ	39.9097, 69.0397, 11.5097
YIQ	179.6390, -1.4490, -100.4330

Conversions

Conversions Part 2

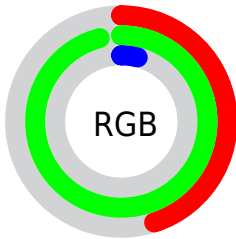
Format	Color
RYB	10, 245, 139
Decimal	7664906
CIELab	86.52, -67.50, 82.20
CIELCh	87, 106.363, 129.392
Yxy	69.0397, 0.3313, 0.5731
Android (android.graphics.Color)	4285854986 (0xFF74F50A)
YUV	179.6390, -83.6320, -55.8114
Hunter-Lab	83.0901, -59.6709, 49.9502

Details

The XYZ color **39.9097, 69.0397, 11.5097** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **27.2453, 12.3032, 87.3287**, and the grayscale version is **43.6274, 45.8994, 49.9845**.

A 20% lighter version of the original color is **56.3262, 81.8940, 23.1944**, and **18.8583, 36.4176, 6.0354** is the 20% darker color. If you saturate the color by 10%, you get **39.1454, 68.6542, 11.1884**, and if you desaturate by 10%, it is **42.0724, 70.1288, 12.8731**.

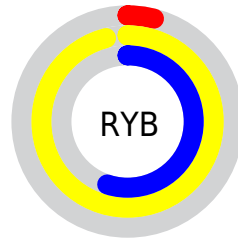
Distribution



Red (45%)

Green (96%)

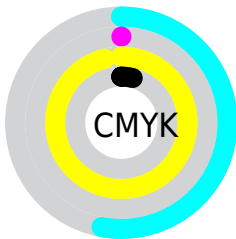
Blue (4%)



Red (4%)

Yellow (96%)

Blue (55%)

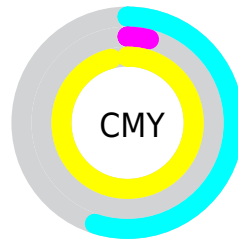


Cyan (53%)

Magenta (0%)

Yellow (96%)

Black (4%)



Cyan (55%)


Magenta (4%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9097, 69.0397, 11.5097 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 39.9097, 69.0397, 11.5097 by changing the saturation by 10% instead.


 39.9097, 69.0397,
11.5097


 39.9097, 69.0397,
11.5097


336.8838,
457.1710, 211.9932


 27.6520, 50.7440,
6.2923


 74.3112, 117.8383,
29.2498


 18.2026, 36.0049,
2.9520


 97.1858, 149.1100,
42.6097


 11.1961, 24.4380,
1.0702


 124.3300,
185.4758, 59.5207

 6.2672, 15.6589,
0.0000

 156.1093,
227.3202, 80.4015

 3.0504, 9.2831,
0.0000

 192.8889,
275.0275, 105.6706

 1.1805, 4.9263,
0.0000

 235.0343,

 0.0909, 2.2041,

328.9822, 135.7466

0.0000

282.9108,
389.5685, 171.0479

■ 0.0000, 0.7222,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.9097, 69.0397,
11.5097

■ 39.9097, 69.0397,
11.5097

■ 39.1454, 68.6542,
11.1884

■ 42.0724, 70.1288,
12.8731

■ 44.7551, 71.4548,
15.5760

■ 48.0150, 73.0439,
19.8611

■ 51.8983, 74.9156,
25.9228

■ 56.4454, 77.0873,
33.9278

■ 61.6928, 79.5744,
44.0236

■ 67.6738, 82.3912,
56.3431

■ 74.4196, 85.5512,
71.0086

■ 81.9590, 89.0667,
88.1333

Harmonies

Analogous

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



58.1878, 69.0397, 5.0437



39.9097, 69.0397, 11.5097



30.5113, 69.0397, 36.8117

Triad

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



39.9097, 69.0397, 11.5097



50.3159, 69.0397, 287.1547



124.3462, 69.0397, 55.1315

Complementary

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



39.9097, 69.0397, 11.5097



27.2453, 12.3032, 87.3287

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.



120.7119, 69.0397, 133.7644



39.9097, 69.0397, 11.5097



73.6600, 69.0397, 304.2574

Square

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



39.9097, 69.0397, 11.5097



35.3912, 69.0397, 198.3606



100.5166, 69.0397, 236.3700



109.4716, 69.0397, 17.7546

Rectangle

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



39.9097, 69.0397, 11.5097



28.7291, 69.0397, 73.7415



100.5166, 69.0397, 236.3700



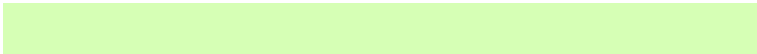
125.3172, 69.0397, 76.6218

Sweetspot

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



39.9113, 69.0427, 11.5112



71.9539, 89.2146, 57.1707



46.4261, 36.8618, 4.9563



14.8041, 18.8144, 11.0096



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.



39.9113, 69.0427, 11.5112



42.8299, 75.1647, 12.2509



32.8876, 65.4156, 11.4598



16.9919, 18.8379, 17.5381



21.2421, 37.0635, 6.0344



1.9836, 3.3176, 0.5358

Inverse Universe

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



27.2453, 12.3032, 87.3287



28.8656, 12.7956, 95.5562



53.0780, 25.7557, 82.4267



16.4509, 16.3751, 20.8362



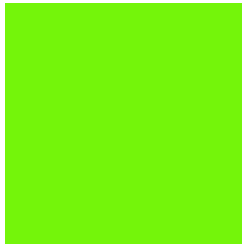
14.3813, 6.3881, 47.0131



1.3823, 0.6224, 4.1375

Previews

White Background



This preview shows how the XYZ color 39.9097, 69.0397, 11.5097 looks on a white background.

Color Contrast Check

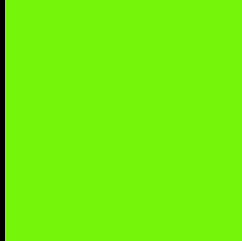
Large Text (above 18pt) WCAG AA × Fail

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 39.9097, 69.0397, 11.5097 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 39.9097, 69.0397, 11.5097

Background



This preview shows how black text looks on a background with the XYZ color 39.9097, 69.0397, 11.5097.



This preview shows how white text looks on a background with the XYZ color 39.9097, 69.0397,

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

39.9097, 69.0397, 11.5097

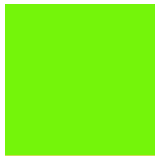
Deuteranopia

67.6496, 67.5243, 30.9407

Tritanopia

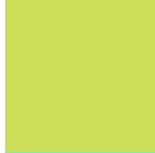
56.9556, 68.6247, 97.4328

Trichromacy



Original Color

39.9097, 69.0397, 11.5097



Deuteranomaly

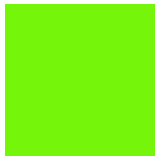
52.4786, 65.2384, 18.8432



Tritanomaly

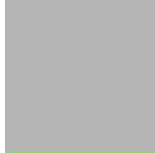
46.2492, 66.7870, 43.7113

Monochromacy



Original Color

39.9097, 69.0397, 11.5097



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

38.7675, 51.6618, 25.0680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9097, 69.0397, 11.5097 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(116, 245, 10)` looks like.

```
.text, #text, p{  
    color:rgb(116, 245, 10)  
}
```

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(116, 245, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 245, 10) }
```

Border

The CSS property to change the border of an element to XYZ 39.9097, 69.0397, 11.5097 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(116, 245, 10) }
```

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

```
.border{ border-color:rgb(116, 245, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 245, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 245, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 245, 10);  
box-shadow:4px 4px 4px 4px rgb(116, 245,  
10) }
```


Background

The CSS property to change the background color of an element to XYZ 39.9097, 69.0397, 11.5097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 245, 10) }
```

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

```
.background{ background-color: rgb(116,  
245, 10) }
```

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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