

Converting Colors

XYZ(39.0067, 73.1168, 15.5496)

Have a look what the booklet for
XYZ(39.0067, 73.1168, 15.5496)
contains.

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Color

**XYZ(39.0244, 73.1259,
15.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	47FF36
RGB	71, 255, 54
RGB Percent	28%, 100%, 21%
CMY	0.7216, 0.0000, 0.7882
CMYK	0.72, 0.00, 0.79, 0.00
HSL	115°, 100%, 61%
HSV	115°, 79%, 100%
XYZ	39.0244, 73.1259, 15.5480
YIQ	177.0700, -45.1430, -101.5190

Conversions

Conversions Part 2

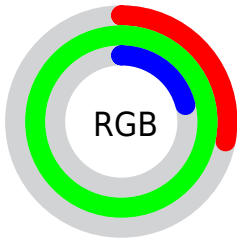
Format	Color
RYB	54, 255, 238
Decimal	4718390
CIELab	88.51, -78.84, 75.65
CIELCh	89, 109.265, 136.184
Yxy	73.1259, 0.3056, 0.5726
Android (android.graphics.Color)	4282908470 (0xFF47FF36)
YUV	177.0700, -60.6735, -93.0234
Hunter-Lab	85.5137, -68.1900, 49.0795

Details

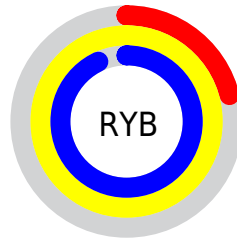
The XYZ color **39.0244, 73.1259, 15.5480** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **54.6326, 28.0380, 97.1402**, and the grayscale version is **42.1533, 44.3485, 48.2955**.

A 20% lighter version of the original color is **50.5894, 78.8007, 29.0667**, and **19.9663, 39.9325, 6.6554** is the 20% darker color. If you saturate the color by 10%, you get **37.1785, 72.2264, 13.1124**, and if you desaturate by 10%, it is **41.8415, 74.4899, 19.6675**.

Distribution



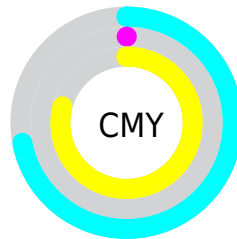
- Red (28%)
- Green (100%)
- Blue (21%)



- Red (21%)
- Yellow (100%)
- Blue (93%)



- Cyan (72%)
- Magenta (0%)
- Yellow (79%)
- Black (0%)





- Cyan (72%)
- Magenta (0%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0244, 73.1259, 15.5480 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 39.0244, 73.1259, 15.5480 by changing the saturation by 10% instead.


 39.0244, 73.1259,
15.5480


 39.0244, 73.1259,
15.5480


333.1996,
471.4510, 238.4135


 26.9595, 54.0789,
9.0540


 72.9694, 123.6559,
36.5675

 17.6793, 38.6648,
4.6791


 95.5803, 155.9078,
51.9301


 10.8182, 26.4990,
2.0048


 122.4372,
193.3300, 71.0860

 6.0111, 17.1973,
0.5582

 153.9054,
236.3070, 94.4537

 2.8926, 10.3753,
0.0000

 190.3505,
285.2233, 122.4518

 1.0972, 5.6485,
0.0000

232.1376,

 0.0228, 2.6325,

340.4631, 155.4987

0.0000

279.6322,
402.4109, 194.0131

■ 0.0000, 0.9431,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.0244, 73.1259,
15.5480

■ 39.0244, 73.1259,
15.5480

■ 37.1785, 72.2264,
13.1124

■ 41.8415, 74.4899,
19.6675

■ 36.1606, 71.7246,
12.0248

■ 45.7394, 76.3700,
25.6974

■ 36.0812, 71.6856,
11.9350

■ 50.8138, 78.8111,
33.8328

■ 57.1495, 81.8534,
44.2440

■ 64.8236, 85.5333,
57.0838

■ 73.9067, 89.8842,
72.4918

■ 84.4648, 94.9373,
90.5971

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



56.3389, 73.1259, 5.7997



39.0244, 73.1259, 15.5480



31.0507, 73.1259, 49.7981

Triad

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



39.0244, 73.1259, 15.5480



58.1119, 73.1259, 319.3623



130.2699, 73.1259, 45.6890

Complementary

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



39.0244, 73.1259, 15.5480



54.6326, 28.0380, 97.1402

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.



131.0937, 73.1259, 119.4638



39.0244, 73.1259, 15.5480



84.5751, 73.1259, 315.4681

Square

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



39.0244, 73.1259, 15.5480



40.0387, 73.1259, 236.5405



112.7582, 73.1259, 227.9028



110.7304, 73.1259, 14.1667

Rectangle

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



39.0244, 73.1259, 15.5480



30.3724, 73.1259, 96.2655



112.7582, 73.1259, 227.9028



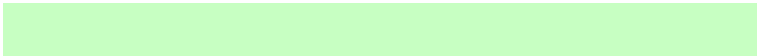
132.8865, 73.1259, 65.0162

Sweetspot

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



39.0247, 73.1260, 15.5492



69.0213, 87.5446, 64.1812



71.5861, 80.8864, 15.3309



14.1024, 18.4166, 12.6019



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.



39.0247, 73.1260, 15.5492



36.4656, 71.8755, 12.3238



41.6133, 74.0371, 34.8003



17.9138, 20.2415, 19.1072



18.9019, 37.4824, 6.2386



1.8868, 3.6734, 0.6096

Inverse Universe

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



54.6326, 28.0380, 97.1402



52.2938, 25.0823, 96.6929



50.2586, 26.9788, 42.9123



18.6323, 18.2177, 22.7843



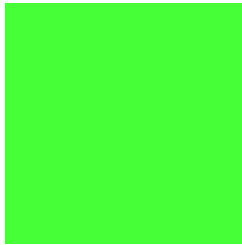
27.1292, 12.8961, 50.4939



2.6843, 1.2777, 4.9184

Previews

White Background



This preview shows how the XYZ color 39.0244, 73.1259, 15.5480 looks on a white background.

Color Contrast Check

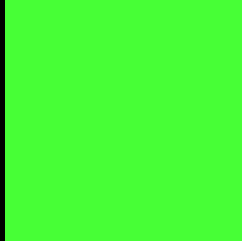
Large Text (above 18pt) WCAG AA × Fail

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 39.0244, 73.1259, 15.5480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

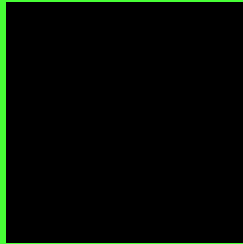
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0244, 73.1259, 15.5480

Background



This preview shows how black text looks on a background with the XYZ color 39.0244, 73.1259, 15.5480.



This preview shows how white text looks on a background with the XYZ color 39.0244, 73.1259,

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

39.0244, 73.1259, 15.5480

Protanopia

64.4246, 71.1500, 12.8204

Deuteranopia

70.7840, 71.1484, 40.1393



Tritanopia

57.6943, 72.6137, 105.5828

Trichromacy



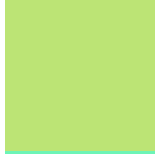
Original Color

39.0244, 73.1259, 15.5480



Protanomaly

49.2009, 68.5585, 13.4363



Deuteranomaly

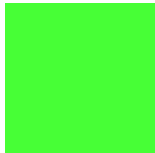
51.6933, 67.4625, 27.1267



Tritanomaly

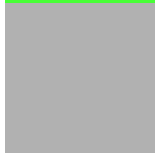
47.1009, 71.3300, 55.5416

Monochromacy



Original Color

39.0244, 73.1259, 15.5480



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

36.4774, 50.7319, 29.6995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0244, 73.1259, 15.5480 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(71, 255, 54)` looks like.

```
.text, #text, p{  
    color:rgb(71, 255, 54)  
}
```

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(71, 255, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 255, 54) }
```

Border

The CSS property to change the border of an element to XYZ 39.0244, 73.1259, 15.5480 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(71, 255, 54) }
```


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

```
.border{ border-color:rgb(71, 255, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 255, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 255, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 255, 54);  
box-shadow:4px 4px 4px 4px rgb(71, 255,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0244, 73.1259, 15.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 255, 54) }
```

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

```
.background{ background-color: rgb(71, 255,  
54) }
```

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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