

Converting Colors

XYZ(39.4365, 73.3944, 13.0365)

Have a look what the booklet for
XYZ(39.4365, 73.3944, 13.0365)
contains.

XYZ(39.4261, 73.3884, 13.0647)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.4261, 73.3884,
13.0647)**

Conversions

Conversions Part 1

Format	Color
Hex	52FF1A
RGB	82, 255, 26
RGB Percent	32%, 100%, 10%
CMY	0.6784, 0.0000, 0.8980
CMYK	0.68, 0.00, 0.90, 0.00
HSL	105°, 100%, 55%
HSV	105°, 90%, 100%
XYZ	39.4261, 73.3884, 13.0647
YIQ	177.1670, -29.5990, -107.8950

Conversions

Conversions Part 2

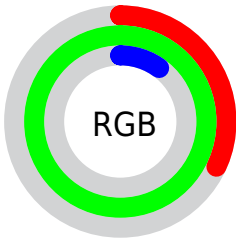
Format	Color
RYB	26, 255, 199
Decimal	5439258
CIELab	88.63, -78.11, 81.76
CIELCh	89, 113.071, 133.693
Yxy	73.3884, 0.3132, 0.5830
Android (android.graphics.Color)	4283629338 (0xFF52FF1A)
YUV	177.1670, -74.5253, -83.4615
Hunter-Lab	85.6670, -67.7672, 50.9249

Details

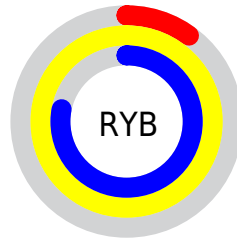
The XYZ color **39.4261, 73.3884, 13.0647** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark washed green. A complement of this color would be **41.9783, 20.1045, 96.2758**, and the grayscale version is **42.2698, 44.4712, 48.4291**.

A 20% lighter version of the original color is **51.1971, 79.2124, 24.6477**, and **19.9663, 39.9325, 6.6554** is the 20% darker color. If you saturate the color by 10%, you get **37.7958, 72.5691, 12.0301**, and if you desaturate by 10%, it is **41.7657, 74.5457, 15.3798**.

Distribution



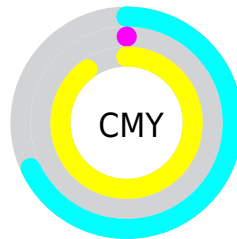
- Red (32%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (78%)



- Cyan (68%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)





- Cyan (68%)
- Magenta (0%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4261, 73.3884, 13.0647 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 39.4261, 73.3884, 13.0647 by changing the saturation by 10% instead.


 39.4261, 73.3884,
13.0647


 39.4261, 73.3884,
13.0647


334.8748,
472.3598, 222.5543


 27.2736, 54.2936,
7.3419


 73.5787, 124.0284,
32.1129

 17.9164, 38.8364,
3.5951


 96.3095, 156.3425,
46.2753


 10.9893, 26.6325,
1.4060


 123.2971,
193.8317, 64.0879

 6.1269, 17.2974,
0.1464

 154.9069,
236.8806, 85.9694

 2.9638, 10.4468,
0.0000

 191.5042,
285.8734, 112.3383

 1.1346, 5.6962,
0.0000

 233.4544,

 0.0538, 2.6612,

341.1946, 143.6130

0.0000

281.1228,
403.2286, 180.2121

■ 0.0000, 0.9575,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.4261, 73.3884,
13.0647

■ 39.4261, 73.3884,
13.0647

■ 37.7958, 72.5691,
12.0301


■ 41.7657, 74.5457,
15.3798


■ 37.7681, 72.5552,
12.0140


■ 44.9199, 76.0873,
19.3436


■ 48.9652, 78.0475,
25.1898

■ 53.9681, 80.4564,
33.1140

 59.9884, 83.3410,
43.2871

 67.0807, 86.7262,
55.8625

 75.2954, 90.6350,
70.9798

 84.6798, 95.0888,
88.7681

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.



58.0566, 73.3884, 4.7781



39.4261, 73.3884, 13.0647



30.5447, 73.3884, 44.7086

Triad

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



39.4261, 73.3884, 13.0647



56.0353, 73.3884, 328.2598



134.1502, 73.3884, 49.3557

Complementary

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



39.4261, 73.3884, 13.0647



41.9783, 20.1045, 96.2758

Split Complementary

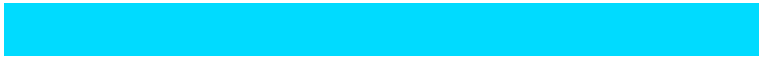
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



133.1946, 73.3884, 129.9554



39.4261, 73.3884, 13.0647



82.9245, 73.3884, 332.8306

Square

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



39.4261, 73.3884, 13.0647



38.2806, 73.3884, 235.1268



112.6342, 73.3884, 245.2188



114.9793, 73.3884, 14.5679

Rectangle

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



39.4261, 73.3884, 13.0647



29.4050, 73.3884, 89.9818



112.6342, 73.3884, 245.2188



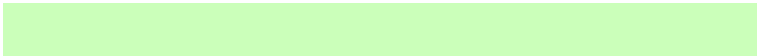
136.2991, 73.3884, 70.6147

Sweetspot

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



39.4263, 73.3885, 13.0658



69.2626, 87.7656, 59.8279



61.5648, 61.6109, 9.6257



14.2573, 18.5150, 11.7750



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.



39.4263, 73.3885, 13.0658



37.7681, 72.5552, 12.0140



37.7581, 72.3685, 20.2157



18.1874, 20.3825, 19.1200



19.8464, 37.9693, 6.2828



2.0260, 3.7452, 0.6161

Inverse Universe

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



41.9783, 20.1045, 96.2758



39.9554, 18.5127, 96.0752



51.7746, 26.0656, 55.5803



18.3333, 18.0636, 22.7703



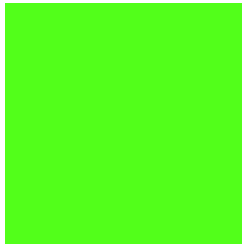
21.0196, 9.7465, 50.2080



2.1450, 0.9997, 4.8932

Previews

White Background



This preview shows how the XYZ color 39.4261, 73.3884, 13.0647 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 39.4261, 73.3884, 13.0647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

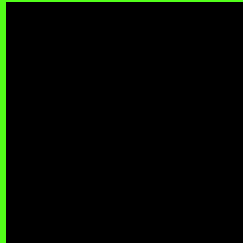
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4261, 73.3884, 13.0647

Background



This preview shows how black text looks on a background with the XYZ color 39.4261, 73.3884, 13.0647.



This preview shows how white text looks on a background with the XYZ color 39.4261, 73.3884,

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

39.4261, 73.3884, 13.0647

Protanopia

64.9672, 71.8702, 10.6779

Deuteranopia

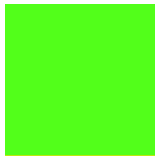
71.0363, 71.6530, 40.2234



Tritanopia

58.4875, 73.0226, 105.6199

Trichromacy



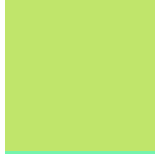
Original Color

39.4261, 73.3884, 13.0647



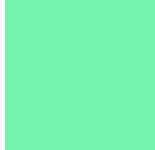
Protanomaly

49.9642, 69.0037, 11.1376



Deuteranomaly

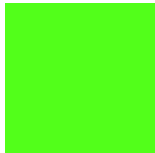
52.4114, 68.3066, 24.3320



Tritanomaly

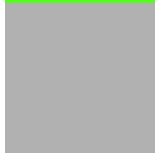
46.9995, 71.3929, 50.3328

Monochromacy



Original Color

39.4261, 73.3884, 13.0647



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

36.4995, 50.8186, 26.2976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4261, 73.3884, 13.0647 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(82, 255, 26)` looks like.

```
.text, #text, p{  
    color:rgb(82, 255, 26)  
}
```

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(82, 255, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 255, 26) }
```

Border

The CSS property to change the border of an element to XYZ 39.4261, 73.3884, 13.0647 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(82, 255, 26) }
```


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

```
.border{ border-color:rgb(82, 255, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 255, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 255, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 255, 26);  
box-shadow:4px 4px 4px 4px rgb(82, 255,  
26) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4261, 73.3884, 13.0647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 255, 26) }
```

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

```
.background{ background-color: rgb(82, 255,  
26) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor