

Converting Colors

YUV(139.4270, -68.7375,
-73.1655)

Have a look what the booklet for
YUV(139.4270, -68.7375, -73.1655)
contains.

YUV(139.4270, -68.7375, -73.1655)	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

**YUV(139.4270, -68.7375,
-73.1655)**

Conversions

Conversions Part 1

Format	Color
Hex	38D100
RGB	56, 209, 0
RGB Percent	22%, 82%, 0%
CMY	0.7804, 0.1804, 1.0000
CMYK	0.73, 0.00, 1.00, 0.18
HSL	104°, 100%, 41%
HSV	104°, 100%, 82%
XYZ	24.4314, 46.4417, 7.6765
YIQ	139.4270, -24.0990, -97.4350

Conversions

Conversions Part 2

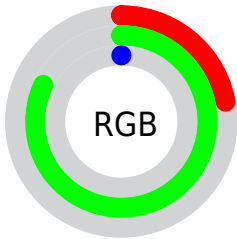
Format	Color
RYB	0, 209, 153
Decimal	3723520
CIELab	73.83, -69.29, 72.26
CIELCh	74, 100.114, 133.799
Yxy	46.4417, 0.3110, 0.5912
Android (android.graphics.Color)	4281913600 (0xFF38D100)
YUV	139.4270, -68.7375, -73.1655
Hunter-Lab	68.1481, -55.2663, 41.0250

Details

The YUV color **139.4270, -68.7375, -73.1655** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **69.5730, 68.7375, 73.1655**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.1200, -56.2612, -61.4952**, and **89.8110, -44.2768, -78.7642** is the 20% darker color. If you saturate the color by 10%, you get **139.4270, -68.7375, -73.1655**, and if you desaturate by 10%, it is **146.3060, -61.7759, -66.0434**.

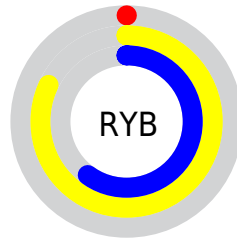
Distribution



Red (22%)

Green (82%)

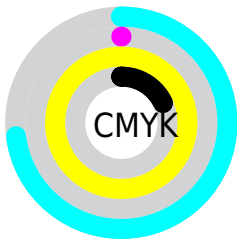
Blue (0%)



Red (0%)

Yellow (82%)

Blue (60%)

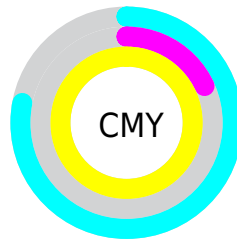


Cyan (73%)

Magenta (0%)

Yellow (100%)

Black (18%)



Cyan (78%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.4270, -68.7375, -73.1655 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 YUV color 139.4270, -68.7375, -73.1655 by changing the saturation by 10% instead.

■ 139.4270,
-68.7375, -73.1655

■ 139.4270,
-68.7375, -73.1655

■ 255.0000, 0.0000,
0.0000

■ 106.2470,
-52.3798, -93.1786

■ 197.1200,
-56.2612, -61.4952

■ 89.8110, -44.2768,
-78.7642

■ 209.9940,
-48.3110, -44.7217

■ 73.9620, -36.4633,
-64.8647

■ 222.5690,
-40.2135, -28.5630

■ 58.1130, -28.6497,
-50.9651

■ 235.0300,
-32.5528, -12.3043

■ 43.4380, -21.4149,
-38.0951

■ 247.7190,
-24.0185, 3.7544

■ 29.3500, -14.4695,
-25.7399

■ 251.9220,

■ 12.9140, -6.3666,

-11.7935, 2.6994

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 139.4270,
-68.7375, -73.1655

■ 146.3060,
-61.7759, -66.0434

■ 153.4840,
-54.9616, -58.3065

■ 160.3630,
-48.0000, -51.1844

■ 167.2420,
-41.0383, -44.0622

■ 174.4200,
-34.2241, -36.3253

■ 181.1850,
-27.6992, -29.1032

■ 188.0640,
-20.7376, -21.9811

■ 194.9430,
-13.7759, -14.8590

■ 202.1210, -6.9617,
-7.1221

Harmonies

Analogous

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



165.9370, -81.8069, 12.3333



139.4270, -68.7375, -73.1655



142.3300, -8.0507, -124.8234

Triad

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



139.4270, -68.7375, -73.1655



149.9920, 51.7689, -131.5430



128.4680, 7.6573, 110.9686

Complementary

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



139.4270, -68.7375, -73.1655



69.5730, 68.7375, 73.1655

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.



148.2340, 42.7756, 93.6338



139.4270, -68.7375, -73.1655



134.1430, 59.5825, -117.6434

Square

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



139.4270, -68.7375, -73.1655



157.0360, 48.2963, -137.7206



178.2920, 37.8170, 50.6099



147.5580, -46.1241, 94.2266

Rectangle

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



139.4270, -68.7375, -73.1655



151.5010, 19.4730, -132.8664



178.2920, 37.8170, 50.6099



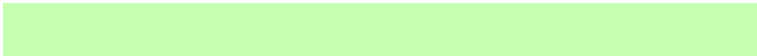
128.3660, 22.4976, 111.0580

Sweetspot

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



139.4270, -68.7375, -73.1655



229.5920, -24.9419, -26.8292



150.5410, -74.2167, 51.2685



112.5900, -15.0809, -16.3034



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



139.4270, -68.7375, -73.1655



170.0170, -83.8184, -89.4689



127.8130, -40.8268, -112.0920



101.3540, -3.6255, -3.8185



112.0710, -55.2510, -58.8213



27.3560, -13.4865, -14.3442

Inverse Universe

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



69.5730, 68.7375, 73.1655



84.9830, 83.8184, 89.4689



81.1870, 40.8268, 112.0920



97.6460, 3.6255, 3.8185



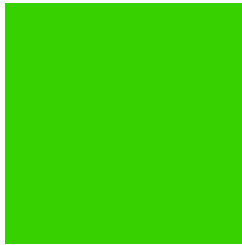
55.9290, 55.2510, 58.8213



13.6440, 13.4865, 14.3442

Previews

White Background



This preview shows how the YUV color 139.4270, -68.7375, -73.1655 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 YUV color 139.4270, -68.7375, -73.1655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

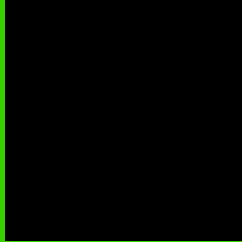
Any Text WCAG AA ✓ Pass

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](#).

YUV 139.4270, -68.7375, -73.1655 Background



This preview shows how black text looks on a background with the YUV color 139.4270, -68.7375, -73.1655.



This preview shows how white text looks on a background with the YUV color 139.4270, -68.7375, -73.1655.

-73.1655.

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

139.4270, -68.7375, -73.1655

Protanopia

166.3570, -82.0140, 32.1359

Deuteranopia

173.0810, -63.1439, 46.4100



Tritanopia

168.0170, 20.6976, -58.7739

Trichromacy



Original Color

139.4270, -68.7375, -73.1655



Protanomaly

156.9670, -77.3847, -6.1101



Deuteranomaly

160.9370, -65.0449, 2.6863



Tritanomaly

157.5040, -11.5875, -63.5860

Monochromacy



Original Color

139.4270, -68.7375, -73.1655



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

138.8910, -25.0893, -26.2144

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.4270, -68.7375, -73.1655 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(56, 209, 0)` looks like.

```
.text, #text, p{  
    color:rgb(56, 209, 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(56, 209, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 209, 0) }
```

Border

The CSS property to change the border of an element to YUV 139.4270, -68.7375, -73.1655 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(56, 209, 0) }
```


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

```
.border{ border-color:rgb(56, 209, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 209, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 209, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 209, 0);  
box-shadow:4px 4px 4px 4px rgb(56, 209, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 139.4270, -68.7375, -73.1655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 209, 0) }
```

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

```
.background{ background-color: rgb(56, 209,  
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](#).

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