

Converting Colors

YUV(139.4140, -68.7311,
-28.4271)

Have a look what the booklet for
YUV(139.4140, -68.7311, -28.4271)
contains.

YUV(139.4140, -68.7311, -28.4271)	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(139.4140, -68.7311,
-28.4271)**

Conversions

Conversions Part 1

Format	Color
Hex	6BB700
RGB	107, 183, 0
RGB Percent	42%, 72%, 0%
CMY	0.5804, 0.2824, 1.0000
CMYK	0.42, 0.00, 1.00, 0.28
HSL	85°, 100%, 36%
HSV	85°, 100%, 72%
XYZ	22.9969, 36.9928, 5.9283
YIQ	139.4140, 13.4470, -73.0250

Conversions

Conversions Part 2

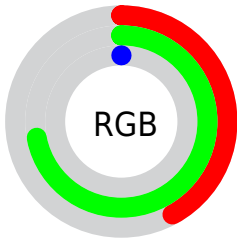
Format	Color
RYB	0, 183, 76
Decimal	7059200
CIELab	67.27, -47.37, 67.77
CIELCh	67, 82.681, 124.951
Yxy	36.9928, 0.3489, 0.5612
Android (android.graphics.Color)	4285249280 (0xFF6BB700)
YUV	139.4140, -68.7311, -28.4271
Hunter-Lab	60.8217, -38.9465, 36.7962

Details

The YUV color **139.4140, -68.7311, -28.4271** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **43.5860, 68.7311, 28.4271**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.1070, -59.7058, -29.9118**, and **89.4770, -44.1122, -38.1293** is the 20% darker color. If you saturate the color by 10%, you get **139.4140, -68.7311, -28.4271**, and if you desaturate by 10%, it is **143.8580, -62.0480, -25.3085**.

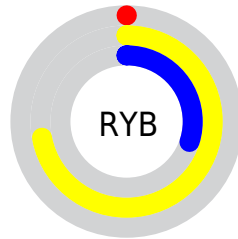
Distribution



Red (42%)

Green (72%)

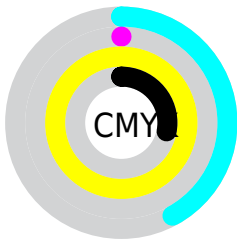
Blue (0%)



Red (0%)

Yellow (72%)

Blue (30%)

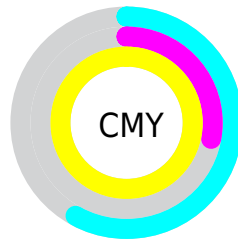


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (58%)

Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 139.4140, -68.7311, -28.4271 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 139.4140, -68.7311, -28.4271 by changing the saturation by 10% instead.

■ 139.4140,
-68.7311, -28.4271

■ 139.4140,
-68.7311, -28.4271

■ 255.0000, 0.0000,
0.0000

■ 114.8940,
-56.6427, -32.3560

■ 199.1070,
-59.7058, -29.9118

■ 89.4770, -44.1122,
-38.1293

■ 219.7750,
-56.0911, -22.6047

■ 61.3470, -30.2441,
-52.9243

■ 231.9370,
-48.2829, -6.9607

■ 46.3730, -22.8619,
-40.6691

■ 244.2130,
-40.0380, 8.5832

■ 32.2850, -15.9165,
-28.3139

■ 247.7040,
-27.9551, 6.3986

■ 19.3710, -9.5499,
-16.9884

■ 251.0100,

■ 0.0000, 0.0000,

-15.2879, 3.4992

0.0000

254.4300, -2.1840,
0.4999

■ 139.4140,
-68.7311, -28.4271

■ 143.8580,
-62.0480, -25.3085

■ 148.1170,
-54.7807, -22.9046

■ 152.5610,
-48.0976, -19.7860

■ 156.7060,
-41.2671, -17.2822

■ 161.2640,
-34.1472, -14.2635

■ 165.7080,
-27.4640, -11.1449

■ 169.8530,
-20.6335, -8.6411

■ 174.2970,
-13.9504, -5.5225

■ 178.5560, -6.6831,
-3.1186

Harmonies

Analogous

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



152.4690, -75.1672, 29.4067



139.4140, -68.7311, -28.4271



124.3490, -13.4831, -109.0541

Triad

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



139.4140, -68.7311, -28.4271



139.4260, 56.9780, -122.2766



139.1140, 7.8318, 101.6320

Complementary

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



139.4140, -68.7311, -28.4271



43.5860, 68.7311, 28.4271

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.



160.3500, 33.3514, 83.0081



139.4140, -68.7311, -28.4271



128.2730, 62.4764, -112.4954

Square

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



139.4140, -68.7311, -28.4271



143.3240, 51.6053, -125.6951



163.2980, 45.2091, 12.8937



144.4070, -30.2737, 96.9901

Rectangle

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



139.4140, -68.7311, -28.4271



131.9240, 7.9255, -115.6973



163.2980, 45.2091, 12.8937



143.7250, 17.8836, 97.5882

Sweetspot

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



139.4140, -68.7311, -28.4271



220.2350, -26.7379, -10.7301



97.5680, -48.1010, 74.9239



109.7160, -16.1290, -6.7669



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



139.4140, -68.7311, -28.4271



180.6800, -89.0752, -36.5534



112.8030, -55.6119, -83.1422



89.7780, -3.3416, -1.5593



118.7810, -58.5590, -24.3639



21.2200, -10.4615, -4.5779

Inverse Universe

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



43.5860, 68.7311, 28.4271



56.3200, 89.0752, 36.5534



70.1970, 55.6119, 83.1422



84.9230, 3.4890, 0.9445



37.2190, 58.5590, 24.3639



6.7800, 10.4615, 4.5779

Previews

White Background



This preview shows how the YUV color 139.4140, -68.7311, -28.4271 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 139.4140, -68.7311, -28.4271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

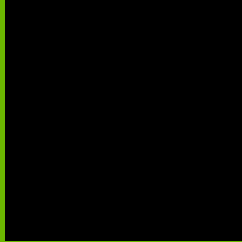
Any Text WCAG AA ✓ Pass

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 139.4140, -68.7311, -28.4271 Background



This preview shows how black text looks on a background with the YUV color 139.4140, -68.7311, -28.4271.



This preview shows how white text looks on a background with the YUV color 139.4140, -68.7311, -28.4271.

-28.4271.

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

139.4140, -68.7311, -28.4271

Protanopia

150.6970, -74.2936, 29.2067

Deuteranopia

156.3840, -59.3493, 42.6362



Tritanopia

159.0380, 12.3063, -27.2203

Trichromacy



Original Color

139.4140, -68.7311, -28.4271

Protanomaly

146.4340, -72.1920, 8.3894

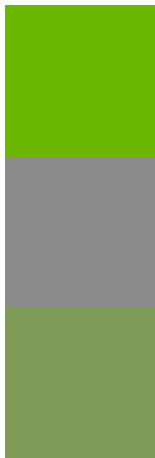
Deuteranomaly

150.0080, -62.6149, 16.6560

Tritanomaly

151.9430, -17.2269, -28.0140

Monochromacy



Original Color

139.4140, -68.7311, -28.4271

Achromatopsia

139.0000, 0.0000, 0.0000

Achromatomaly

138.9900, -25.1381, -10.5152

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.4140, -68.7311, -28.4271 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(107, 183, 0)` looks like.

```
.text, #text, p{  
    color:rgb(107, 183, 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(107, 183, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 183, 0) }
```

Border

The CSS property to change the border of an element to YUV 139.4140, -68.7311, -28.4271 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(107, 183, 0) }
```


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

```
.border{ border-color:rgb(107, 183, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 183, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 183, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 183, 0);  
box-shadow:4px 4px 4px 4px rgb(107, 183,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 139.4140, -68.7311, -28.4271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 183, 0) }
```

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

```
.background{ background-color: rgb(107,  
183, 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