

Converting Colors

YUV(140.8210, -69.4248,
-39.3080)

Have a look what the booklet for
YUV(140.8210, -69.4248, -39.3080)
contains.

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Color

**YUV(140.8210, -69.4248,
-39.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	60BF00
RGB	96, 191, 0
RGB Percent	38%, 75%, 0%
CMY	0.6235, 0.2510, 1.0000
CMYK	0.50, 0.00, 1.00, 0.25
HSL	90°, 100%, 37%
HSV	90°, 100%, 75%
XYZ	23.4547, 39.7484, 6.4360
YIQ	140.8210, 4.6910, -79.5410

Conversions

Conversions Part 2

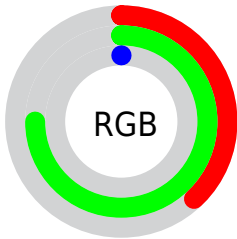
Format	Color
RYB	0, 191, 95
Decimal	6340352
CIELab	69.29, -54.01, 69.14
CIELCh	69, 87.739, 127.995
Yxy	39.7484, 0.3368, 0.5708
Android (android.graphics.Color)	4284530432 (0xFF60BF00)
YUV	140.8210, -69.4248, -39.3080
Hunter-Lab	63.0463, -43.9250, 38.0799

Details

The YUV color **140.8210, -69.4248, -39.3080** is a dark color, and the websafe version is hex **66CC00**. A complement of this color would be **50.1790, 69.4248, 39.3080**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9270, -60.1100, -40.2780**, and **88.1930, -43.4791, -54.5433** is the 20% darker color. If you saturate the color by 10%, you get **140.8210, -69.4248, -39.3080**, and if you desaturate by 10%, it is **145.9770, -62.5997, -35.0598**.

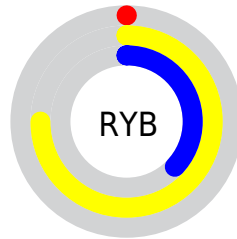
Distribution



Red (38%)

Green (75%)

Blue (0%)



Red (0%)

Yellow (75%)

Blue (37%)

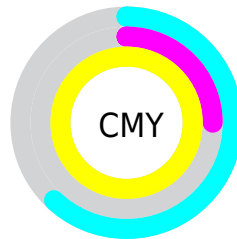


Cyan (50%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (62%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8210, -69.4248, -39.3080 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 140.8210, -69.4248, -39.3080 by changing the saturation by 10% instead.

■ 140.8210,
-69.4248, -39.3080

■ 140.8210,
-69.4248, -39.3080

■ 255.0000, 0.0000,
0.0000

■ 115.1160,
-56.7522, -43.9517

■ 200.9270,
-60.1100, -40.2780

■ 88.1930, -43.4791,
-54.5433

■ 217.3120,
-53.8908, -28.3376

■ 64.5700, -31.8330,
-56.6279

■ 229.4740,
-46.0827, -12.6937

■ 49.8950, -24.5982,
-43.7579

■ 241.7500,
-37.8377, 2.8502

■ 35.8070, -17.6529,
-31.4027

■ 248.0460,
-26.6447, 6.0987

■ 22.3060, -10.9969,
-19.5624

■ 251.3520,

■ 0.0000, 0.0000,

-13.9775, 3.1993

0.0000

254.6580, -1.3104,
0.2999

■ 140.8210,
-69.4248, -39.3080

■ 145.9770,
-62.5997, -35.0598

■ 150.8340,
-55.6272, -31.4264

■ 155.9900,
-48.8021, -27.1782

■ 160.8470,
-41.8296, -23.5448

■ 166.1170,
-34.5677, -19.3966

■ 170.9740,
-27.5952, -15.7632

■ 176.1300,
-20.7701, -11.5150

■ 180.9870,
-13.7976, -7.8816

■ 186.1430, -6.9725,
-3.6334

Harmonies

Analogous

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



156.5670, -77.1875, 24.0587



140.8210, -69.4248, -39.3080



130.0710, -11.8670, -114.0723

Triad

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



140.8210, -69.4248, -39.3080



142.9480, 55.2416, -125.3654



136.8970, 6.9528, 103.5763

Complementary

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



140.8210, -69.4248, -39.3080



50.1790, 69.4248, 39.3080

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.



157.7570, 36.1088, 85.2821



140.8210, -69.4248, -39.3080



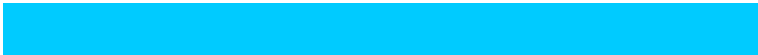
130.0340, 61.6082, -114.0398

Square

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



140.8210, -69.4248, -39.3080



148.2310, 52.6371, -129.9986



168.0930, 42.8452, 24.4744



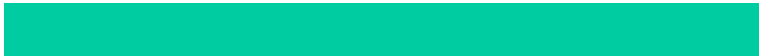
145.2560, -34.6362, 96.2455

Rectangle

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



140.8210, -69.4248, -39.3080



138.1020, 11.2887, -121.1155



168.0930, 42.8452, 24.4744



139.9750, 18.7463, 100.8769

Sweetspot

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



140.8210, -69.4248, -39.3080



227.5010, -26.8690, -15.3484



111.1130, -54.7787, 70.0609



113.2920, -16.4130, -9.0261



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



140.8210, -69.4248, -39.3080



182.0650, -89.7580, -50.9230



113.0140, -55.7159, -96.4823



91.7780, -3.3416, -1.5593



116.3670, -57.3689, -32.7709



22.6820, -11.1822, -6.7371

Inverse Universe

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



50.1790, 69.4248, 39.3080



64.9350, 89.7580, 50.9230



77.9860, 55.7159, 96.4823



87.5210, 3.1941, 2.1741



41.6330, 57.3689, 32.7709



8.0190, 11.3296, 6.1223

Previews

White Background



This preview shows how the YUV color 140.8210, -69.4248, -39.3080 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 140.8210, -69.4248, -39.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

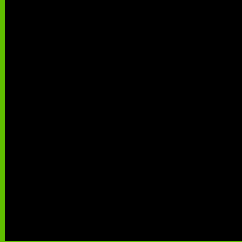
Any Text WCAG AA ✓ Pass

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 140.8210, -69.4248, -39.3080 Background



This preview shows how black text looks on a background with the YUV color 140.8210, -69.4248, -39.3080.



This preview shows how white text looks on a background with the YUV color 140.8210, -69.4248, -39.3080.

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



Protanopia

156.0130, -76.9144, 29.8066

Deuteranopia

161.1670, -60.2283, 44.5805

Tritanopia

162.5530, 14.5174, -36.4420

Trichromacy



Protanomaly

150.5430, -74.2177, 4.7858

Deuteranomaly

154.0570, -63.6251, 13.9820

Tritanomaly

154.8170, -16.1788, -37.5505

Monochromacy



Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.9680, -25.1272, -14.0039

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8210, -69.4248, -39.3080 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(96, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(96, 191, 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(96, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 191, 0) }
```

Border

The CSS property to change the border of an element to YUV 140.8210, -69.4248, -39.3080 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(96, 191, 0) }
```

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

```
.border{ border-color:rgb(96, 191, 0) }
```

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

Here you see how a box with a 4 pixel rgb(96, 191, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(96, 191, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 140.8210, -69.4248, -39.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 191, 0) }
```

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

```
.background{ background-color: rgb(96, 191,  
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](#).

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