

Converting Colors

YUV(119.0140, -58.6739,
-34.2153)

Have a look what the booklet for
YUV(119.0140, -58.6739, -34.2153)
contains.

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Color

**YUV(119.0140, -58.6739,
-34.2153)**

Conversions

Conversions Part 1

Format	Color
Hex	50A200
RGB	80, 162, 0
RGB Percent	31%, 64%, 0%
CMY	0.6863, 0.3647, 1.0000
CMYK	0.51, 0.00, 1.00, 0.36
HSL	90°, 100%, 32%
HSV	90°, 100%, 64%
XYZ	16.2286, 27.5461, 4.4616
YIQ	119.0140, 3.1300, -67.7660

Conversions

Conversions Part 2

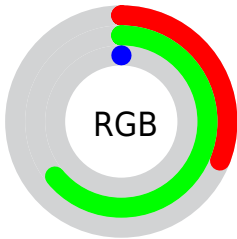
Format	Color
RYB	0, 162, 82
Decimal	5284352
CIELab	59.48, -47.94, 61.18
CIElCh	59, 77.728, 128.084
Yxy	27.5461, 0.3364, 0.5711
Android (android.graphics.Color)	4283474432 (0xFF50A200)
YUV	119.0140, -58.6739, -34.2153
Hunter-Lab	52.4844, -36.6541, 31.6990

Details

The YUV color **119.0140, -58.6739, -34.2153** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **42.9860, 58.6739, 34.2153**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.5500, -51.5432, -34.6854**, and **65.4780, -32.2807, -53.0392** is the 20% darker color. If you saturate the color by 10%, you get **119.0140, -58.6739, -34.2153**, and if you desaturate by 10%, it is **123.2300, -52.8644, -30.8967**.

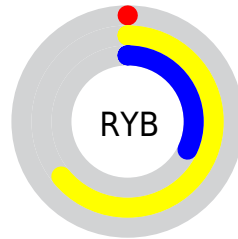
Distribution



Red (31%)

Green (64%)

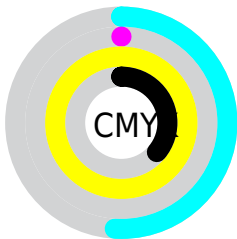
Blue (0%)



Red (0%)

Yellow (64%)

Blue (32%)

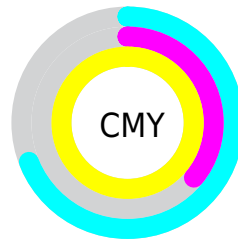


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (36%)



Cyan (69%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.0140, -58.6739, -34.2153 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 119.0140, -58.6739, -34.2153 by changing the saturation by 10% instead.

■ 119.0140,
-58.6739, -34.2153

■ 119.0140,
-58.6739, -34.2153

■ 255.0000, 0.0000,
0.0000

■ 93.8960, -46.2907,
-39.3738

■ 177.5500,
-51.5432, -34.6854

■ 65.4780, -32.2807,
-53.0392

■ 205.4360,
-51.9799, -34.5854

■ 49.3080, -24.3088,
-43.2431

■ 222.5820,
-46.6289, -24.1894

■ 35.2200, -17.3635,
-30.8879

■ 234.6300,
-39.2576, -8.4455


■ 22.8930, -11.2862,
-20.0772


■ 246.9060,
-31.0127, 7.0984

■ 0.0000, 0.0000,
0.0000


■ 250.0980,


-18.7823, 4.2991


 253.5180, -5.6784,
1.2997


 119.0140,
-58.6739, -34.2153

 123.2300,
-52.8644, -30.8967

 127.4460,
-47.0549, -27.5781

 132.0750,
-40.9560, -23.7448

 136.2910,
-35.1465, -20.4262

 140.5070,
-29.3370, -17.1076

■ 144.7230,
-23.5274, -13.7891

■ 148.9390,
-17.7179, -10.4705

■ 153.5680,
-11.6190, -6.6371

■ 157.7840, -5.8095,
-3.3186

Harmonies

Analogous

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



132.3460, -65.2466, 20.7446



119.0140, -58.6739, -34.2153



109.9360, -10.3214, -96.4139

Triad

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



119.0140, -58.6739, -34.2153



125.3380, 63.9234, -109.9214



126.6440, 0.6685, 112.5682

Complementary

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



119.0140, -58.6739, -34.2153



42.9860, 58.6739, 34.2153

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.



138.9930, 28.1045, 85.9521



119.0140, -58.6739, -34.2153



114.7720, 69.1324, -100.6550

Square

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



119.0140, -58.6739, -34.2153



126.7280, 48.9411, -111.1405



146.4540, 52.0342, 17.1418



133.1860, -35.0947, 103.3229

Rectangle

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



119.0140, -58.6739, -34.2153



117.1690, 9.7767, -102.7572



146.4540, 52.0342, 17.1418



129.8530, 10.4255, 109.7539

Sweetspot

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



119.0140, -58.6739, -34.2153



195.1360, -23.2380, -13.2743



95.9850, -47.3206, 57.8952



96.9870, -13.7976, -7.8816



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



119.0140, -58.6739, -34.2153



155.8390, -76.8286, -44.5858



95.0940, -46.8813, -83.3974



79.4790, -3.1941, -2.1741



106.6430, -52.5750, -30.3819



13.2570, -6.5357, -3.7334

Inverse Universe

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



42.9860, 58.6739, 34.2153



56.1610, 76.8286, 44.5858



66.9060, 46.8813, 83.3974



75.5210, 3.1941, 2.1741



38.6560, 52.4276, 30.9967



4.7430, 6.5357, 3.7334

Previews

White Background



This preview shows how the YUV color 119.0140, -58.6739, -34.2153 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 119.0140, -58.6739, -34.2153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

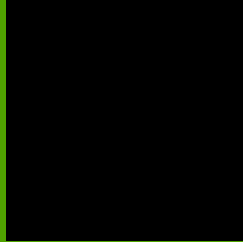
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.0140, -58.6739, -34.2153 Background



This preview shows how black text looks on a background with the YUV color 119.0140, -58.6739, -34.2153.



This preview shows how white text looks on a background with the YUV color 119.0140, -58.6739, -34.2153.

-34.2153.

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

119.0140, -58.6739, -34.2153

Protanopia

132.0800, -65.1154, 25.3628

Deuteranopia

136.5280, -51.0393, 37.2479



Tritanopia

137.7170, 12.4645, -31.3238

Trichromacy



Original Color

119.0140, -58.6739, -34.2153

Protanomaly

127.5180, -62.8664, 3.9307

Deuteranomaly

130.2660, -53.8681, 11.1677

Tritanomaly

130.9470, -13.2849, -32.4025

Monochromacy



Original Color

119.0140, -58.6739, -34.2153

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.3040, -21.3489, -12.5446

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.0140, -58.6739, -34.2153 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(80, 162, 0)` looks like.

```
.text, #text, p{  
    color:rgb(80, 162, 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(80, 162, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 162, 0) }
```

Border

The CSS property to change the border of an element to YUV 119.0140, -58.6739, -34.2153 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(80, 162, 0) }
```


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

```
.border{ border-color:rgb(80, 162, 0) }
```

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

Here you see how a box with a 4 pixel rgb(80, 162, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 162, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 162, 0);  
box-shadow:4px 4px 4px 4px rgb(80, 162, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 119.0140, -58.6739, -34.2153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 162, 0) }
```

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

```
.background{ background-color: rgb(80, 162,  
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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