

Converting Colors

YUV(137.0190, -39.4494,
-40.3587)

Have a look what the booklet for
YUV(137.0190, -39.4494, -40.3587)
contains.

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Color

**YUV(137.0190, -39.4494,
-40.3587)**

Conversions

Conversions Part 1

Format	Color
Hex	5BB039
RGB	91, 176, 57
RGB Percent	36%, 69%, 22%
CMY	0.6431, 0.3098, 0.7765
CMYK	0.48, 0.00, 0.68, 0.31
HSL	103°, 51%, 46%
HSV	103°, 68%, 69%
XYZ	20.5782, 33.5702, 9.2660
YIQ	137.0190, -12.4610, -55.0290

Conversions

Conversions Part 2

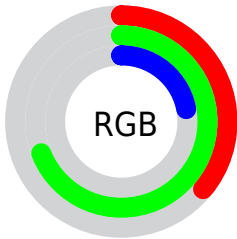
Format	Color
RYB	57, 176, 142
Decimal	6008889
CIELab	64.62, -47.27, 51.03
CIELCh	65, 69.556, 132.808
Yxy	33.5702, 0.3245, 0.5294
Android (android.graphics.Color)	4284198969 (0xFF5BB039)
YUV	137.0190, -39.4494, -40.3587
Hunter-Lab	57.9398, -37.9976, 31.0759

Details

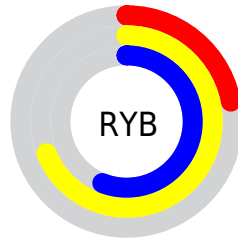
The YUV color **137.0190, -39.4494, -40.3587** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **95.9810, 39.4494, 40.3587**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9760, -40.9072, -39.4440**, and **80.5730, -39.7225, -46.1065** is the 20% darker color. If you saturate the color by 10%, you get **131.0800, -45.3954, -46.5512**, and if you desaturate by 10%, it is **142.9580, -33.5033, -34.1662**.

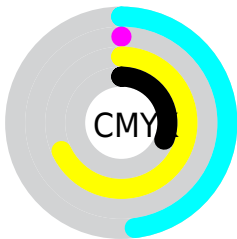
Distribution



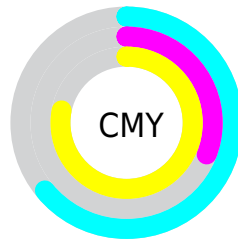
- Red (36%)
- Green (69%)
- Blue (22%)



- Red (22%)
- Yellow (69%)
- Blue (56%)



- Cyan (48%)
- Magenta (0%)
- Yellow (68%)
- Black (31%)



- Cyan (64%)
- Magenta (31%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.0190, -39.4494, -40.3587 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 137.0190, -39.4494, -40.3587 by changing the saturation by 10% instead.

■ 137.0190,
-39.4494, -40.3587

■ 137.0190,
-39.4494, -40.3587

■ 255.0000, 0.0000,
0.0000

■ 109.3070,
-39.5914, -41.4882

■ 192.9760,
-40.9072, -39.4440

■ 80.5730, -39.7225,
-46.1065

■ 217.9270,
-39.8970, -36.7700

■ 56.9390, -28.0709,
-49.9355

■ 229.6760,
-32.3783, -21.6409

■ 42.2640, -20.8362,
-37.0655

■ 241.8380,
-24.5701, -5.9969

■ 28.7630, -14.1802,
-25.2252

■ 251.1240,
-14.8511, 3.3993

■ 14.6750, -7.2348,
-12.8700

■ 254.4300, -2.1840,

■ 0.0000, 0.0000,

0.4999

0.0000

■ 137.0190,
-39.4494, -40.3587

■ 137.0190,
-39.4494, -40.3587

■ 131.0800,
-45.3954, -46.5512

■ 142.9580,
-33.5033, -34.1662

■ 125.5540,
-51.0521, -52.2289

■ 148.4840,
-27.8466, -28.4885

■ 119.6150,
-56.9982, -58.4214

■ 154.4230,
-21.9005, -22.2960

■ 118.2620,
-58.3032, -59.8658

■ 159.9490,
-16.2439, -16.6183

■ 165.8880,
-10.2978, -10.4258

■ 171.5280, -4.2043,
-4.8481

■ 177.3530, 1.3050,
1.4444

■ 183.2920, 7.2510,
7.6369

■ 188.8180, 12.9077,
13.3146

Harmonies

Analogous

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



143.5320, -70.7613, 16.1964



137.0190, -39.4494, -40.3587



120.8730, -1.4164, -106.0056

Triad

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



137.0190, -39.4494, -40.3587



131.2080, 61.0295, -115.0694



146.5850, -6.6974, 95.0800

Complementary

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



137.0190, -39.4494, -40.3587



95.9810, 39.4494, 40.3587

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.



156.2670, 19.0954, 82.2038



137.0190, -39.4494, -40.3587



140.9850, 56.2094, -62.2538

Square

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



137.0190, -39.4494, -40.3587



134.7810, 51.8730, -118.2029



161.2290, 43.2711, 27.8632



151.3000, -38.1089, 90.0679

Rectangle

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



137.0190, -39.4494, -40.3587



126.9490, 16.7871, -111.3343



161.2290, 43.2711, 27.8632



148.3920, 2.7647, 93.4952

Sweetspot

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



137.0190, -39.4494, -40.3587



214.8890, -15.2283, -15.6887



141.3020, -41.5609, 30.4301



105.8280, -9.2822, -9.4962



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



137.0190, -39.4494, -40.3587



169.0290, -61.6393, -63.1694



129.5890, -23.9544, -63.6606



86.1800, -3.0467, -2.7889



102.9670, -50.7627, -51.7141



17.3550, -8.5560, -9.0813

Inverse Universe

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



95.9810, 39.4494, 40.3587



104.6720, 61.7867, 62.5547



103.4110, 23.9544, 63.6606



83.1190, 2.8993, 3.4036



50.0330, 50.7627, 51.7141



8.3460, 8.7034, 8.4666

Previews

White Background



This preview shows how the YUV color 137.0190, -39.4494, -40.3587 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 137.0190, -39.4494, -40.3587 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 137.0190, -39.4494, -40.3587 Background



This preview shows how black text looks on a background with the YUV color 137.0190, -39.4494, -40.3587.



This preview shows how white text looks on a background with the YUV color 137.0190, -39.4494, -40.3587.

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

137.0190, -39.4494, -40.3587

Protanopia

149.5260, -48.0803, 21.4637

Deuteranopia

152.1070, -42.4508, 35.8632



Tritanopia

150.6350, 13.4909, -33.8829

Trichromacy



Original Color

137.0190, -39.4494, -40.3587

Protanomaly

144.8930, -44.8102, -0.7832

Deuteranomaly

146.5720, -41.2010, 8.2684

Tritanomaly

145.5750, -5.7065, -36.4613

Monochromacy



Original Color

137.0190, -39.4494, -40.3587

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8290, -14.2127, -14.7590

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.0190, -39.4494, -40.3587 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(91, 176, 57)` looks like.

```
.text, #text, p{  
    color:rgb(91, 176, 57)  
}
```

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(91, 176, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 176, 57) }
```

Border

The CSS property to change the border of an element to YUV 137.0190, -39.4494, -40.3587 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(91, 176, 57) }
```


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

```
.border{ border-color:rgb(91, 176, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 176, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 176, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 176, 57);  
box-shadow:4px 4px 4px 4px rgb(91, 176,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 137.0190, -39.4494, -40.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 176, 57) }
```

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

```
.background{ background-color: rgb(91, 176,  
57) }
```

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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