

Converting Colors

YUV(137.4640, -67.7698,
-10.0539)

Have a look what the booklet for
YUV(137.4640, -67.7698, -10.0539)
contains.

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Color

**YUV(137.4640, -67.7698,
-10.0539)**

Conversions

Conversions Part 1

Format	Color
Hex	7EAA00
RGB	126, 170, 0
RGB Percent	49%, 67%, 0%
CMY	0.5059, 0.3333, 1.0000
CMYK	0.26, 0.00, 1.00, 0.33
HSL	76°, 100%, 33%
HSV	76°, 100%, 67%
XYZ	22.9789, 33.1851, 5.1942
YIQ	137.4640, 28.3460, -62.1980

Conversions

Conversions Part 2

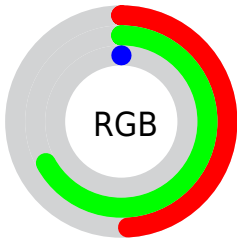
Format	Color
RYB	0, 170, 44
Decimal	8301056
CIELab	64.31, -34.68, 65.93
CIELCh	64, 74.497, 117.747
Yxy	33.1851, 0.3745, 0.5408
Android (android.graphics.Color)	4286491136 (0xFF7EAA00)
YUV	137.4640, -67.7698, -10.0539
Hunter-Lab	57.6065, -29.6087, 34.9785

Details

The YUV color **137.4640, -67.7698, -10.0539** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **32.5360, 67.7698, 10.0539**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.3420, -59.3286, -10.8239**, and **90.1960, -44.4666, -17.7119** is the 20% darker color. If you saturate the color by 10%, you get **137.4640, -67.7698, -10.0539**, and if you desaturate by 10%, it is **140.5980, -60.9338, -9.2944**.

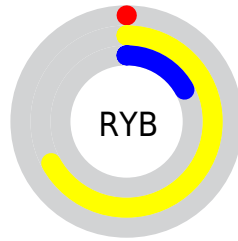
Distribution



Red (49%)

Green (67%)

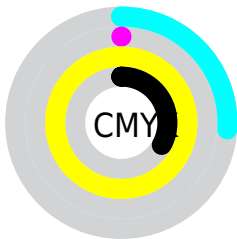
Blue (0%)



Red (0%)

Yellow (67%)

Blue (17%)

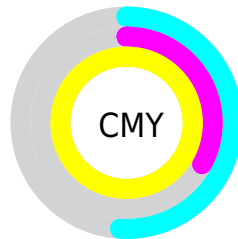


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (51%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.4640, -67.7698, -10.0539 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 137.4640, -67.7698, -10.0539 by changing the saturation by 10% instead.

■ 137.4640,
-67.7698, -10.0539

■ 137.4640,
-67.7698, -10.0539

■ 255.0000, 0.0000,
0.0000

■ 113.2430,
-55.8288, -13.3681

■ 195.3420,
-59.3286, -10.8239

■ 90.1960, -44.4666,
-17.7119

■ 224.2280,
-59.7654, -10.7240

■ 67.1490, -33.1045,
-22.0557

■ 236.9770,
-52.2467, 4.4052

■ 42.2970, -20.8524,
-31.8325

■ 244.0560,
-41.9326, 9.5979

■ 27.0020, -13.3120,
-23.6808

■ 247.3620,
-29.2655, 6.6985

■ 14.0880, -6.9454,
-12.3552

■ 250.6680,

■ 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

■ 253.9740, -3.9312,
0.8998

■ 137.4640,
-67.7698, -10.0539

■ 140.5980,
-60.9338, -9.2944

■ 144.0310,
-54.2453, -7.9202

■ 147.1650,
-47.4093, -7.1607

■ 150.5980,
-40.7208, -5.7864

■ 153.7320,
-33.8849, -5.0270

■ 156.8660,
-27.0489, -4.2675

■ 160.2990,
-20.3604, -2.8932

■ 163.4330,
-13.5245, -2.1337

■ 166.8660, -6.8359,
-0.7595

Harmonies

Analogous

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



145.7460, -71.8528, 39.6878



137.4640, -67.7698, -10.0539



115.3670, -17.4359, -101.1769

Triad

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



137.4640, -67.7698, -10.0539



134.7300, 59.2931, -118.1582



144.8360, 9.4479, 96.6138

Complementary

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



137.4640, -67.7698, -10.0539



32.5360, 67.7698, 10.0539

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.



158.1580, 34.4321, 63.0054



137.4640, -67.7698, -10.0539



126.5120, 63.3446, -110.9510

Square

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



137.4640, -67.7698, -10.0539



133.8060, 40.5216, -117.3479



153.7080, 49.9370, -10.2679



143.1820, -22.2747, 98.0644

Rectangle

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



137.4640, -67.7698, -10.0539



122.8450, 1.0624, -107.7351



153.7080, 49.9370, -10.2679



150.2790, 17.6105, 91.8403

Sweetspot

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



137.4640, -67.7698, -10.0539



209.2790, -26.7595, -3.7527



75.4840, -37.2136, 82.8905



104.4500, -15.9978, -2.1486



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



137.4640, -67.7698, -10.0539



179.3500, -88.4196, -13.4619



112.3480, -55.3876, -61.6952



82.4900, -3.1996, -0.4297



119.7660, -59.0446, -8.5648



16.2250, -7.9989, -1.0743

Inverse Universe

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



32.5360, 67.7698, 10.0539



42.3510, 88.5670, 12.8472



57.3530, 55.5350, 61.0804



77.5100, 3.1996, 0.4297



28.2340, 59.0446, 8.5648



3.7750, 7.9989, 1.0743

Previews

White Background



This preview shows how the YUV color 137.4640, -67.7698, -10.0539 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 137.4640, -67.7698, -10.0539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

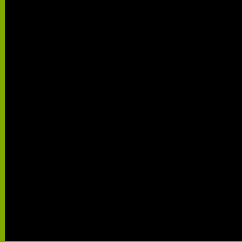
Any Text WCAG AA ✓ Pass

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 137.4640, -67.7698, -10.0539 Background



This preview shows how black text looks on a background with the YUV color 137.4640, -67.7698, -10.0539.



This preview shows how white text looks on a background with the YUV color 137.4640, -67.7698, -10.0539.

-10.0539.

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



Deuteranopia

148.5410, -57.4547, 41.6215



Tritanopia

154.3990, 8.1843, -11.7509

Trichromacy



Deuteranomaly

144.3940, -61.3262, 23.3335



Tritanomaly

148.1840, -19.3177, -10.6854

Monochromacy



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

137.1480, -24.7230, -3.6378

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.4640, -67.7698, -10.0539 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(126, 170, 0)` looks like.

```
.text, #text, p{  
    color:rgb(126, 170, 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(126, 170, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 170, 0) }
```

Border

The CSS property to change the border of an element to YUV 137.4640, -67.7698, -10.0539 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(126, 170, 0) }
```

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

```
.border{ border-color:rgb(126, 170, 0) }
```

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

Here you see how a box with a 4 pixel rgb(126, 170, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 170, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 170, 0);  
box-shadow:4px 4px 4px 4px rgb(126, 170,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 137.4640, -67.7698, -10.0539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 170, 0) }
```

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

```
.background{ background-color: rgb(126,  
170, 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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