

# Converting Colors

YUV(137.4730, -67.7742,  
38.1732)

Have a look what the booklet for  
YUV(137.4730, -67.7742, 38.1732)  
contains.

<b>YUV(137.4730, -67.7742, 38.1732)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	30

# Color

**YUV(137.4730, -67.7742,  
38.1732)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B58E00
RGB	181, 142, 0
RGB Percent	71%, 56%, 0%
CMY	0.2902, 0.4431, 1.0000
CMYK	0.00, 0.22, 1.00, 0.29
HSL	47°, 100%, 35%
HSV	47°, 100%, 71%
XYZ	28.7291, 29.1698, 4.1161
YIQ	137.4730, 68.8260, -35.8940

# Conversions

## Conversions Part 2

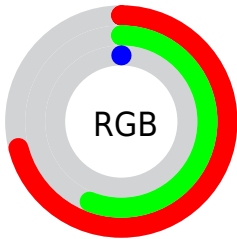
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 181, 0
Decimal	11898368
CIELab	60.93, 3.96, 65.52
CIELCh	61, 65.636, 86.545
Yxy	29.1698, 0.4633, 0.4704
Android (android.graphics.Color)	4290088448 (0xFFB58E00)
YUV	137.4730, -67.7742, 38.1732
Hunter-Lab	54.0090, 0.4338, 33.2877

# Details

The YUV color **137.4730, -67.7742, 38.1732** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **43.5270, 67.7742, -38.1732**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.6180, -60.9437, 40.6770**, and **90.7810, -44.7550, 28.2561** is the 20% darker color. If you saturate the color by 10%, you get **137.4730, -67.7742, 38.1732**, and if you desaturate by 10%, it is **141.8730, -61.0694, 34.3144**.

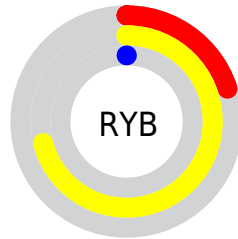
# Distribution



Red (71%)

Green (56%)

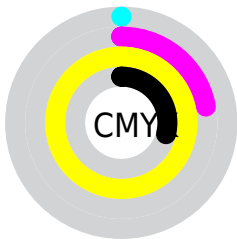
Blue (0%)



Red (20%)

Yellow (71%)

Blue (0%)

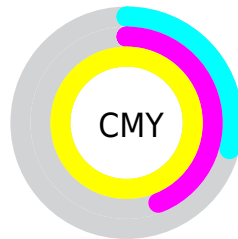


Cyan (0%)

Magenta (22%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 137.4730, -67.7742, 38.1732 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 137.4730, -67.7742, 38.1732 by changing the saturation by 10% instead.



■ 137.4730,  
-67.7742, 38.1732

■ 137.4730,  
-67.7742, 38.1732

■ 255.0000, 0.0000,  
0.0000

■ 114.1270,  
-56.2646, 33.2146

■ 194.6180,  
-60.9437, 40.6770

■ 90.7810, -44.7550,  
28.2561

■ 218.4320,  
-58.8800, 32.0701

■ 68.9080, -33.9716,  
22.8827

■ 238.5330,  
-55.4788, 14.4416

■ 47.9210, -23.6251,  
17.6093

■ 243.4860,  
-44.1166, 10.0978

■ 28.4070, -14.0047,  
11.9211

■ 246.6780,  
-31.8863, 7.2984

■ 4.4850, -2.2111,  
9.2217

■ 249.9840,

■ 0.0000, 0.0000,

-19.2191, 4.3990

0.0000

■ 253.2900, -6.5520,  
1.4997

■ 137.4730,  
-67.7742, 38.1732

■ 141.8730,  
-61.0694, 34.3144

■ 146.2730,  
-54.3646, 30.4556

■ 150.6730,  
-47.6598, 26.5968

■ 155.0730,  
-40.9550, 22.7380

■ 159.5870,  
-33.8134, 18.7792

■ 163.4000,  
-26.8192, 15.4352

■ 167.8000,  
-20.1144, 11.5764

■ 172.2000,  
-13.4096, 7.7176

■ 176.6000, -6.7048,  
3.8588

# Harmonies

## Analogous

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



142.3010, -46.4904, 71.6500



137.4730, -67.7742, 38.1732



133.6720, -53.0823, -7.6053

# Triad

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



137.4730, -67.7742, 38.1732



124.5960, 35.6952, -109.2707



150.3540, 30.3915, 52.3095

# Complementary

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



137.4730, -67.7742, 38.1732



43.5270, 67.7742, -38.1732

# 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.



147.6260, 50.9634, -12.8270



137.4730, -67.7742, 38.1732



126.9050, 57.2348, -111.2957

# Square

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



137.4730, -67.7742, 38.1732



117.2830, 10.2135, -102.8572



120.6420, 66.2385, -105.8030



143.5810, 6.1226, 89.8215



# Rectangle

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



137.4730, -67.7742, 38.1732



126.8210, -32.4498, -45.4470



120.6420, 66.2385, -105.8030



151.4810, 37.7239, 33.7812

# Sweetspot

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



137.4730, -67.7742, 38.1732



217.5140, -26.3824, 15.3352



58.5650, -9.6455, 107.3755



106.9290, -15.7410, 8.8323



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



137.4730, -67.7742, 38.1732



178.2730, -87.8886, 49.7496



145.1170, -71.5427, -13.2576



86.8000, -3.3524, 1.9294



116.1870, -57.2802, 32.2850



19.5140, -9.6204, 5.6882



# Inverse Universe

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



43.5270, 67.7742, -38.1732



56.7270, 87.8886, -49.7496



35.8830, 71.5427, 13.2576



82.2000, 3.3524, -1.9294



36.8130, 57.2802, -32.2850

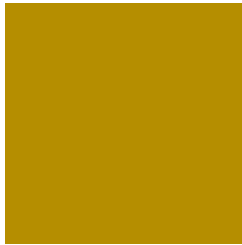


5.8990, 9.9098, -5.1734



# Previews

## White Background



This preview shows how the YUV color 137.4730, -67.7742, 38.1732 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 137.4730, -67.7742, 38.1732 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 137.4730, -67.7742, 38.1732

## Background



This preview shows how black text looks on a background with the YUV color 137.4730, -67.7742, 38.1732.



This preview shows how white text looks on a background with the YUV color 137.4730, -67.7742, 38.1732.



# 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

137.5360, -63.3682, 24.9629

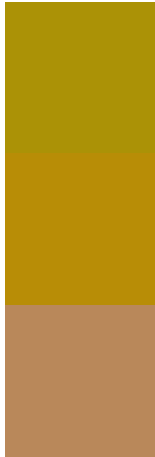
### Deuteranopia

138.9340, -63.5645, 41.2769

### Tritanopia

149.8840, -3.8868, 33.4277

# Trichromacy



## Protanomaly

137.5150, -64.8369, 29.3663

## Deuteranomaly

138.4670, -65.3062, 39.9324

## Tritanomaly

145.4070, -27.3157, 34.7231

# Monochromacy



## Achromatopsia

137.0000, 0.0000, 0.0000

## Achromatomaly

137.2580, -24.7772, 13.8057

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 137.4730, -67.7742, 38.1732 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(181, 142, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 142, 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(181, 142, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 142, 0) }
```

## Border

The CSS property to change the border of an element to YUV 137.4730, -67.7742, 38.1732 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(181, 142, 0) }
```

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

```
.border{ border-color:rgb(181, 142, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 142, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 142, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 142, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 142,  
0) }
```



# Background

The CSS property to change the background color of an element to YUV 137.4730, -67.7742, 38.1732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 142, 0) }
```

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

```
.background{ background-color: rgb(181,  
142, 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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