

# Converting Colors

YUV(142.3730, -39.1309,  
44.3999)

Have a look what the booklet for  
YUV(142.3730, -39.1309, 44.3999)  
contains.

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# Color

**YUV(142.3730, -39.1309,  
44.3999)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1843F
RGB	193, 132, 63
RGB Percent	76%, 52%, 25%
CMY	0.2431, 0.4824, 0.7529
CMYK	0.00, 0.32, 0.67, 0.24
HSL	32°, 51%, 50%
HSV	32°, 67%, 76%
XYZ	31.1408, 28.1989, 8.5043
YIQ	142.3730, 58.5050, -8.5270

# Conversions

## Conversions Part 2

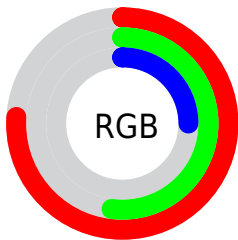
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	178, 193, 63
Decimal	12682303
CIE Lab	60.07, 16.81, 45.66
CIE LCh	60, 48.658, 69.783
Yxy	28.1989, 0.4590, 0.4156
Android (android.graphics.Color)	4290872383 (0xFFC1843F)
YUV	142.3730, -39.1309, 44.3999
Hunter-Lab	53.1026, 11.7476, 27.6767

# Details

The YUV color **142.3730, -39.1309, 44.3999** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **113.6270, 39.1309, -44.3999**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.1240, -41.4731, 49.0033**, and **89.7530, -38.8252, 39.6816** is the 20% darker color. If you saturate the color by 10%, you get **134.9240, -44.8255, 50.9327**, and if you desaturate by 10%, it is **149.8220, -33.4362, 37.8671**.

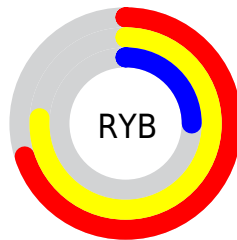
# Distribution



Red (76%)

Green (52%)

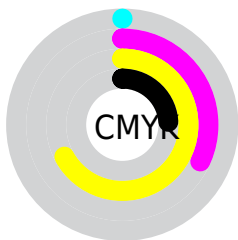
Blue (25%)



Red (70%)

Yellow (76%)

Blue (25%)

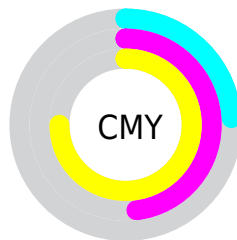


Cyan (0%)

Magenta (32%)

Yellow (67%)

Black (24%)



Cyan (24%)

Magenta (48%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 142.3730, -39.1309, 44.3999 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 142.3730, -39.1309, 44.3999 by changing the saturation by 10% instead.



■ 142.3730,  
-39.1309, 44.3999

■ 142.3730,  
-39.1309, 44.3999

■ 255.0000, 0.0000,  
0.0000

■ 116.1770,  
-38.5413, 41.9408

■ 197.1240,  
-41.4731, 49.0033

■ 89.7530, -38.8252,  
39.6816

■ 217.2360,  
-38.0773, 33.1190

■ 66.6260, -32.8466,  
35.4080

■ 236.7500,  
-34.3867, 16.0053

■ 45.6390, -22.5000,  
30.1346

■ 248.0460,  
-26.6447, 6.0987

■ 25.8260, -12.7322,  
23.8316

■ 251.2380,  
-14.4143, 3.2993

■ 9.3830, -4.1328,  
18.9581

■ 254.5440, -1.7472,

■ 0.0000, 0.0000,

0.3999

0.0000

■ 142.3730,  
-39.1309, 44.3999

■ 142.3730,  
-39.1309, 44.3999

■ 134.9240,  
-44.8255, 50.9327

■ 149.8220,  
-33.4362, 37.8671

■ 127.3610,  
-50.9570, 57.5654

■ 157.3850,  
-27.3048, 31.2344

■ 119.9120,  
-56.6516, 64.0982

■ 164.8340,  
-21.6102, 24.7016

■ 117.5810,  
-57.9674, 66.1425

■ 172.2830,  
-15.9155, 18.1688

■ 179.8460, -9.7841,  
11.5361

■ 187.2950, -4.0894,  
5.0033

■ 194.7440, 1.6052,  
-1.5295

■ 202.1930, 7.2999,  
-8.0623

■ 210.3430, 13.1419,  
-15.2098

# Harmonies

## Analogous

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



143.7620, -25.5187, 65.1067



142.3730, -39.1309, 44.3999



139.3170, -41.0753, 14.6310

# Triad

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



142.3730, -39.1309, 44.3999



115.4540, 20.9752, -101.2532



148.8240, 30.6528, 15.0634

# Complementary

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



142.3730, -39.1309, 44.3999



113.6270, 39.1309, -44.3999

# 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.



139.3270, 44.2088, -39.7518



142.3730, -39.1309, 44.3999



118.8400, 39.0259, -104.2227

# Square

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



142.3730, -39.1309, 44.3999



120.6260, -3.2666, -72.4630



117.8090, 52.8452, -103.3185



147.8860, 13.3672, 52.7200



# Rectangle

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



142.3730, -39.1309, 44.3999



136.2970, -34.1634, -9.0305



117.8090, 52.8452, -103.3185



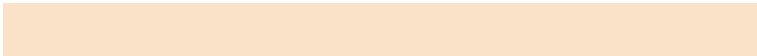
147.2780, 35.3589, -1.1208

# Sweetspot

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



142.3730, -39.1309, 44.3999



230.2120, -14.8945, 17.3541



109.0520, 8.3554, 73.6224



113.3620, -9.0525, 10.2065



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.



142.3730, -39.1309, 44.3999



171.0930, -61.1778, 69.2014



177.5820, -56.4889, 11.7676



92.9250, -2.9210, 3.5738



98.0340, -48.3308, 55.2212



20.4330, -10.0735, 11.0213



# Inverse Universe

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



113.6270, 39.1309, -44.3999



125.9070, 61.1778, -69.2014



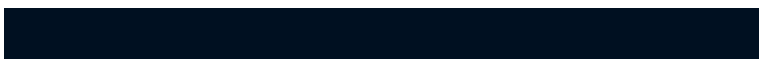
78.4180, 56.4889, -11.7676



91.0750, 2.9210, -3.5738



62.3790, 48.6202, -54.7064

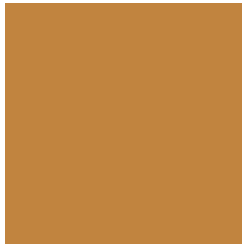


13.1540, 9.7841, -11.5361



# Previews

## White Background



This preview shows how the YUV color 142.3730, -39.1309, 44.3999 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

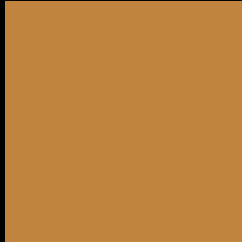
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 142.3730, -39.1309, 44.3999 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 142.3730, -39.1309, 44.3999

## Background



This preview shows how black text looks on a background with the YUV color 142.3730, -39.1309, 44.3999.



This preview shows how white text looks on a background with the YUV color 142.3730, -39.1309, 44.3999.



# 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

142.3730, -39.1309, 44.3999

### Protanopia

140.8920, -36.4288, 17.6347

### Deuteranopia

141.7800, -39.8245, 33.5189



## Tritanopia

147.2660, -6.5401, 44.4937

# Trichromacy



## Original Color

142.3730, -39.1309, 44.3999

## Protanomaly

141.4310, -37.1875, 27.6860

## Deuteranomaly

142.2150, -39.5460, 37.5224

## Tritanomaly

145.4650, -18.4702, 44.3192

# Monochromacy



## Original Color

142.3730, -39.1309, 44.3999

## Achromatopsia

142.0000, 0.0000, 0.0000

## Achromatomaly

142.0270, -14.3103, 16.6393

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 142.3730, -39.1309, 44.3999 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(193, 132, 63)` looks like.

```
.text, #text, p{  
    color:rgb(193, 132, 63)  
}
```

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(193, 132, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 132, 63) }
```

## Border

The CSS property to change the border of an element to YUV 142.3730, -39.1309, 44.3999 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(193, 132, 63) }
```



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

```
.border{ border-color:rgb(193, 132, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 132, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 132, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 132, 63);  
box-shadow:4px 4px 4px 4px rgb(193, 132,  
63) }
```

# Background

The CSS property to change the background color of an element to YUV 142.3730, -39.1309, 44.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 132, 63) }
```

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

```
.background{ background-color: rgb(193,  
132, 63) }
```

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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