

# Converting Colors

YUV(151.6730, -44.2088,  
39.7518)

Have a look what the booklet for  
YUV(151.6730, -44.2088, 39.7518)  
contains.

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# Color

**YUV(151.6730, -44.2088,  
39.7518)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5923E
RGB	197, 146, 62
RGB Percent	77%, 57%, 24%
CMY	0.2275, 0.4275, 0.7569
CMYK	0.00, 0.26, 0.69, 0.23
HSL	37°, 54%, 51%
HSV	37°, 69%, 77%
XYZ	34.1743, 32.7759, 9.0826
YIQ	151.6730, 57.3600, -15.3120

# Conversions

## Conversions Part 2

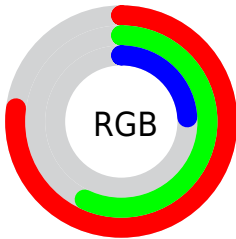
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 197, 62
Decimal	12948030
CIELab	63.98, 10.80, 50.51
CIELCh	64, 51.651, 77.925
Yxy	32.7759, 0.4495, 0.4311
Android (android.graphics.Color)	4291138110 (0xFFC5923E)
YUV	151.6730, -44.2088, 39.7518
Hunter-Lab	57.2502, 6.3640, 30.6689

# Details

The YUV color **151.6730, -44.2088, 39.7518** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **107.3270, 44.2088, -39.7518**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.5270, -46.1088, 42.5108**, and **98.4830, -46.0871, 35.5334** is the 20% darker color. If you saturate the color by 10%, you get **145.2840, -50.9190, 45.3549**, and if you desaturate by 10%, it is **158.0620, -37.4986, 34.1486**.

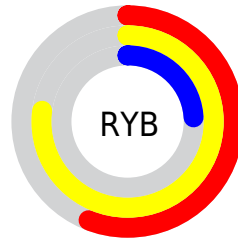
# Distribution



Red (77%)

Green (57%)

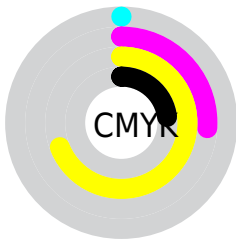
Blue (24%)



Red (56%)

Yellow (77%)

Blue (24%)

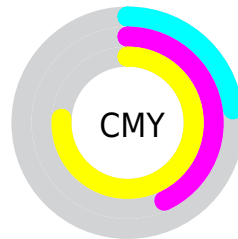


Cyan (0%)

Magenta (26%)

Yellow (69%)

Black (23%)



Cyan (23%)

Magenta (43%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 151.6730, -44.2088, 39.7518 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 151.6730, -44.2088, 39.7518 by changing the saturation by 10% instead.



■ 151.6730,  
-44.2088, 39.7518

■ 151.6730,  
-44.2088, 39.7518

255.0000, 0.0000,  
0.0000

■ 124.7760,  
-43.7666, 37.9074

■ 206.5270,  
-46.1088, 42.5108

■ 98.4830, -46.0871,  
35.5334

■ 226.0410,  
-42.4182, 25.3970

■ 75.4530, -37.1983,  
31.1747

■ 244.9680,  
-38.4382, 8.7981

■ 54.4660, -26.8517,  
25.9013

■ 248.1600,  
-26.2079, 5.9987

■ 34.0660, -16.7945,  
20.1131

■ 251.3520,  
-13.9775, 3.1993

■ 12.8020, -6.3114,  
17.7136

254.6580, -1.3104,

■ 0.0000, 0.0000,

0.2999

0.0000

■ 151.6730,  
-44.2088, 39.7518

■ 151.6730,  
-44.2088, 39.7518

■ 145.2840,  
-50.9190, 45.3549

■ 158.0620,  
-37.4986, 34.1486

■ 138.4220,  
-56.9030, 51.3729

■ 164.9240,  
-31.5145, 28.1307

■ 132.0330,  
-63.6133, 56.9761

■ 171.3130,  
-24.8043, 22.5275

■ 131.1040,  
-64.6343, 57.7908

■ 178.2890,  
-18.3835, 16.4095

■ 184.6780,  
-11.6733, 10.8064

■ 191.5400, -5.6892,  
4.7884

■ 197.9290, 1.0210,  
-0.8147

■ 204.9050, 7.4418,  
-6.9327

■ 211.1800, 13.7153,  
-12.4359

# Harmonies

## Analogous

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



153.9270, -32.5020, 64.9620



151.6730, -44.2088, 39.7518



147.6210, -42.2112, 5.5944

# Triad

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



151.6730, -44.2088, 39.7518



125.2340, 27.9856, -109.8302



159.9290, 28.1360, 29.0033

# Complementary

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



151.6730, -44.2088, 39.7518



107.3270, 44.2088, -39.7518

# 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.



153.4260, 44.1600, -24.0526



151.6730, -44.2088, 39.7518



128.0330, 46.3257, -112.2849

# Square

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



151.6730, -44.2088, 39.7518



119.1750, 7.3087, -104.5165



124.7850, 59.2660, -109.4364



157.5130, 9.1141, 63.5711



# Rectangle

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



151.6730, -44.2088, 39.7518



143.5020, -31.7995, -20.6113



124.7850, 59.2660, -109.4364



159.0240, 34.0052, 13.1340

# Sweetspot

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



151.6730, -44.2088, 39.7518



237.1040, -17.7993, 15.6948



108.2930, 2.8136, 77.7960



116.7210, -10.2155, 9.8917



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



151.6730, -44.2088, 39.7518



184.8010, -68.4289, 61.5645



176.8260, -56.6092, 3.6606



96.2130, -3.0630, 2.4442



108.6110, -53.5452, 47.6992



23.6780, -11.6733, 10.8064



# Inverse Universe

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



107.3270, 44.2088, -39.7518



116.1990, 68.4289, -61.5645



82.1740, 56.6092, -3.6606



92.7870, 3.0630, -2.4442



54.9760, 53.2558, -48.2140



11.7350, 11.9626, -10.2916



# Previews

## White Background



This preview shows how the YUV color 151.6730, -44.2088, 39.7518 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 151.6730, -44.2088, 39.7518 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 151.6730, -44.2088, 39.7518 Background



This preview shows how black text looks on a background with the YUV color 151.6730, -44.2088, 39.7518.



This preview shows how white text looks on a background with the YUV color 151.6730, -44.2088,



# 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

151.6730, -44.2088, 39.7518

### Protanopia

150.7090, -42.2545, 19.5492

### Deuteranopia

151.6510, -44.1979, 36.2631



## Tritanopia

157.8740, -5.3609, 39.5755

# Trichromacy



## Original Color

151.6730, -44.2088, 39.7518

## Protanomaly

150.9380, -42.8604, 27.2414

## Deuteranomaly

151.3630, -44.0560, 37.3926

## Tritanomaly

155.5030, -19.4750, 39.9009

# Monochromacy



## Original Color

151.6730, -44.2088, 39.7518

## Achromatopsia

152.0000, 0.0000, 0.0000

## Achromatomaly

151.8480, -16.1941, 14.1653

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 151.6730, -44.2088, 39.7518 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(197, 146, 62)` looks like.

```
.text, #text, p{  
    color:rgb(197, 146, 62)  
}
```

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(197, 146, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 146, 62) }
```

## Border

The CSS property to change the border of an element to YUV 151.6730, -44.2088, 39.7518 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(197, 146, 62) }
```



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

```
.border{ border-color:rgb(197, 146, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 146, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 146, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 146, 62);  
box-shadow:4px 4px 4px 4px rgb(197, 146,  
62) }
```

# Background

The CSS property to change the background color of an element to YUV 151.6730, -44.2088, 39.7518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 146, 62) }
```

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

```
.background{ background-color: rgb(197,  
146, 62) }
```

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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