

# Converting Colors

YUV(123.2280, -39.0594,  
68.2060)

Have a look what the booklet for  
YUV(123.2280, -39.0594, 68.2060)  
contains.

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# Color

**YUV(123.2280, -39.0594,  
68.2060)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C9632C
RGB	201, 99, 44
RGB Percent	79%, 39%, 17%
CMY	0.2118, 0.6118, 0.8275
CMYK	0.00, 0.51, 0.78, 0.21
HSL	21°, 64%, 48%
HSV	21°, 78%, 79%
XYZ	29.0039, 21.5230, 5.0086
YIQ	123.2280, 78.4470, 4.5190

# Conversions

## Conversions Part 2

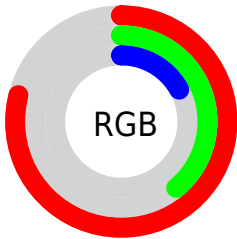
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">201, 129, 44</a>
Decimal	<a href="#">13198124</a>
CIELab	<a href="#">53.52, 36.98, 48.20</a>
CIElCh	<a href="#">54, 60.748, 52.503</a>
Yxy	<a href="#">21.5230, 0.5223, 0.3876</a>
Android (android.graphics.Color)	<a href="#">4291388204 (0xFFC9632C)</a>
YUV	<a href="#">123.2280, -39.0594, 68.2060</a>
Hunter-Lab	<a href="#">46.3929, 30.4067, 26.0741</a>

# Details

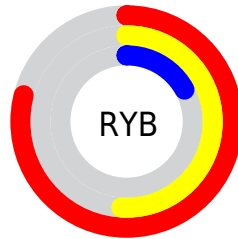
The YUV color **123.2280, -39.0594, 68.2060** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **121.7720, 39.0594, -68.2060**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.0710, -40.9540, 69.2207**, and **70.6230, -34.8171, 60.8436** is the 20% darker color. If you saturate the color by 10%, you get **113.3170, -44.0333, 76.8980**, and if you desaturate by 10%, it is **133.1390, -34.0855, 59.5141**.

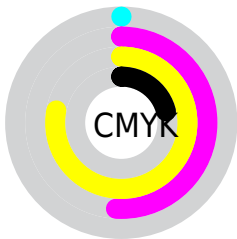
# Distribution



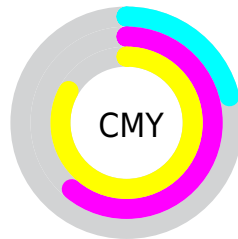
- Red (79%)
- Green (39%)
- Blue (17%)



- Red (79%)
- Yellow (51%)
- Blue (17%)



- Cyan (0%)
- Magenta (51%)
- Yellow (78%)
- Black (21%)




- Cyan (21%)
- Magenta (61%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 123.2280, -39.0594, 68.2060 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 123.2280, -39.0594, 68.2060 by changing the saturation by 10% instead.




 123.2280,  
-39.0594, 68.2060

 123.2280,  
-39.0594, 68.2060


255.0000, 0.0000,  
0.0000


 96.4340, -38.1750,  
64.5174


 176.0710,  
-40.9540, 69.2207


 70.6230, -34.8171,  
60.8436


 194.8840,  
-37.4108, 52.7217


 46.6900, -23.0182,  
56.3999


 214.2840,  
-34.1570, 35.7079

 24.5180, -12.0874,  
50.4117

 233.7980,  
-30.4664, 18.5942

 16.4450, -8.1074,  
33.8127

 248.7300,  
-24.0239, 5.4988

 5.9800, -2.9481,  
12.2955

 251.9220,

 0.0000, 0.0000,

-11.7935, 2.6994

0.0000

■ 123.2280,  
-39.0594, 68.2060

■ 123.2280,  
-39.0594, 68.2060

■ 113.3170,  
-44.0333, 76.8980

■ 133.1390,  
-34.0855, 59.5141

■ 103.4060,  
-49.0072, 85.5899

■ 143.0500,  
-29.1116, 50.8222

■ 101.1890,  
-49.8862, 87.5342

■ 152.9610,  
-24.1378, 42.1302

■ 162.8720,  
-19.1639, 33.4383

■ 172.8970,  
-13.7532, 24.6463

■ 182.8080, -8.7793,  
15.9544

■ 192.7190, -3.8055,  
7.2624

■ 202.6300, 1.1684,  
-1.4295

■ 213.1280, 5.8529,  
-10.6363

# Harmonies

## Analogous

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



121.9400, -15.2534, 85.9986



123.2280, -39.0594, 68.2060



120.0630, -59.1911, 38.5327

# Triad

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



123.2280, -39.0594, 68.2060



101.5190, 5.6601, -89.0322



126.2890, 48.6645, -22.1785

# Complementary

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



123.2280, -39.0594, 68.2060



121.7720, 39.0594, -68.2060

# 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.



107.4540, 61.4012, -94.2372



123.2280, -39.0594, 68.2060



108.1480, 28.5210, -94.8458

# Square

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



123.2280, -39.0594, 68.2060



105.3880, -22.3763, -56.4683



110.8160, 48.8977, -97.1856



130.8750, 30.1346, 41.3286



# Rectangle

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



123.2280, -39.0594, 68.2060



117.2510, -57.8047, 13.8119



110.8160, 48.8977, -97.1856



116.1320, 56.6299, -57.1208

# Sweetspot

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



123.2280, -39.0594, 68.2060



225.9680, -14.7742, 25.4611



102.5710, 21.4105, 86.3222



109.8080, -8.7793, 15.9544



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.



123.2280, -39.0594, 68.2060



136.0680, -59.6865, 104.3034



169.0140, -61.6319, 28.0517



94.4520, -2.1948, 3.9886



82.1960, -40.5226, 70.8651



18.3950, -9.0687, 15.4396

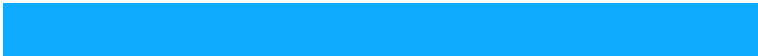


# Inverse Universe

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



121.7720, 39.0594, -68.2060



133.9320, 59.6865, -104.3034



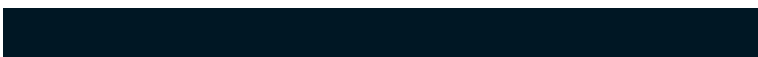
75.9860, 61.6319, -28.0517



94.5480, 2.1948, -3.9886



80.8040, 40.5226, -70.8651

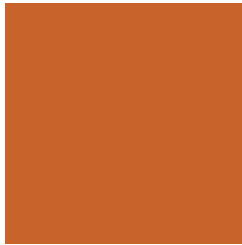


17.6050, 9.0687, -15.4396



# Previews

## White Background



This preview shows how the YUV color 123.2280, -39.0594, 68.2060 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 123.2280, -39.0594, 68.2060 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 123.2280, -39.0594, 68.2060

## Background



This preview shows how black text looks on a background with the YUV color 123.2280, -39.0594, 68.2060.



This preview shows how white text looks on a background with the YUV color 123.2280, -39.0594,



# 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

123.2280, -39.0594, 68.2060

### Protanopia

124.4080, -35.6971, 16.3052

### Deuteranopia

123.9710, -42.8767, 32.4744



## Tritanopia

126.5740, -13.5940, 67.0256

# Trichromacy



## Original Color

123.2280, -39.0594, 68.2060

## Protanomaly

123.8880, -36.9198, 35.1782

## Deuteranomaly

124.1020, -41.4623, 45.5145

## Tritanomaly

125.1690, -22.7613, 67.3808

# Monochromacy



## Original Color

123.2280, -39.0594, 68.2060

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

122.7830, -14.1900, 24.7463

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.2280, -39.0594, 68.2060 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(201, 99, 44)` looks like.

```
.text, #text, p{  
    color:rgb(201, 99, 44)  
}
```

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(201, 99, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 99, 44) }
```

## Border

The CSS property to change the border of an element to YUV 123.2280, -39.0594, 68.2060 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(201, 99, 44) }
```



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

```
.border{ border-color:rgb(201, 99, 44) }
```

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

Here you see how a box with a 4 pixel rgb(201, 99, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 99, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 99, 44);  
box-shadow:4px 4px 4px 4px rgb(201, 99,  
44) }
```

# Background

The CSS property to change the background color of an element to YUV 123.2280, -39.0594, 68.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 99, 44) }
```

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

```
.background{ background-color: rgb(201, 99,  
44) }
```

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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