

# Converting Colors

YUV(138.9760, -36.9632,  
49.1330)

Have a look what the booklet for  
YUV(138.9760, -36.9632, 49.1330)  
contains.

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# Color

**YUV(138.9760, -36.9632,  
49.1330)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C37D40
RGB	195, 125, 64
RGB Percent	76%, 49%, 25%
CMY	0.2353, 0.5098, 0.7490
CMYK	0.00, 0.36, 0.67, 0.24
HSL	28°, 52%, 51%
HSV	28°, 67%, 76%
XYZ	30.7647, 26.6395, 8.3709
YIQ	138.9760, 61.3010, -4.1310

# Conversions

## Conversions Part 2

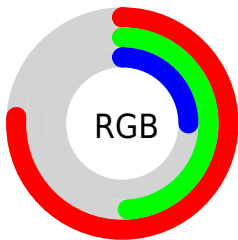
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	195, 178, 64
Decimal	12811584
CIELab	58.64, 21.58, 43.65
CIELCh	59, 48.690, 63.690
Yxy	26.6395, 0.4677, 0.4050
Android (android.graphics.Color)	4291001664 (0xFFC37D40)
YUV	138.9760, -36.9632, 49.1330
Hunter-Lab	51.6135, 16.0731, 26.5135

# Details

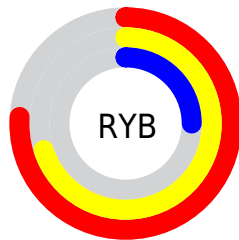
The YUV color **138.9760, -36.9632, 49.1330** is a dark color, and the websafe version is hex **996633**. The color can be described as dark muted orange. A complement of this color would be **120.0240, 36.9632, -49.1330**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7270, -39.3054, 53.7364**, and **87.1710, -36.0733, 43.7000** is the 20% darker color. If you saturate the color by 10%, you get **130.9400, -42.3684, 56.1806**, and if you desaturate by 10%, it is **147.1260, -31.1211, 41.9855**.

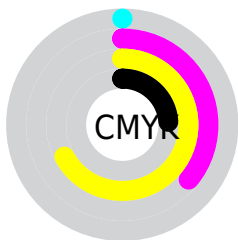
# Distribution



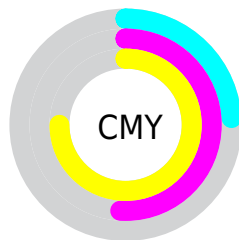
- Red (76%)
- Green (49%)
- Blue (25%)



- Red (76%)
- Yellow (70%)
- Blue (25%)



- Cyan (0%)
- Magenta (36%)
- Yellow (67%)
- Black (24%)



- Cyan (24%)
- Magenta (51%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 138.9760, -36.9632, 49.1330 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 138.9760, -36.9632, 49.1330 by changing the saturation by 10% instead.



138.9760,  
-36.9632, 49.1330

138.9760,  
-36.9632, 49.1330

255.0000, 0.0000,  
0.0000

112.8940,  
-35.9367, 46.5740

193.7270,  
-39.3054, 53.7364

87.1710, -36.0733,  
43.7000

212.5400,  
-35.7622, 37.2374

63.1150, -31.1157,  
40.2411

232.6410,  
-32.3610, 19.6088

41.8290, -20.6217,  
34.3530

248.1600,  
-26.2079, 5.9987

21.4290, -10.5645,  
28.5648

251.3520,  
-13.9775, 3.1993

8.7850, -3.8380,  
17.7286

254.6580, -1.3104,

0.0000, 0.0000,

0.2999

0.0000

■ 138.9760,  
-36.9632, 49.1330

■ 138.9760,  
-36.9632, 49.1330

■ 130.9400,  
-42.3684, 56.1806

■ 147.1260,  
-31.1211, 41.9855

■ 122.2030,  
-47.9211, 63.8430

■ 155.7490,  
-26.0053, 34.4231

■ 114.1670,  
-53.3263, 70.8905

■ 163.8990,  
-20.1632, 27.2756

■ 111.7220,  
-55.0789, 73.0348

■ 172.5220,  
-15.0473, 19.7132

■ 180.6720, -9.2053,  
12.5657

■ 189.2950, -4.0894,  
5.0033

■ 197.4450, 1.7526,  
-2.1443

■ 205.4810, 7.1579,  
-9.1918

■ 214.2180, 12.7105,  
-16.8542

# Harmonies

## Analogous

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



140.3970, -21.8877, 67.1808



138.9760, -36.9632, 49.1330



136.4210, -42.1126, 20.6788

# Triad

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



138.9760, -36.9632, 49.1330



111.6240, 16.4544, -97.8942



144.1540, 33.4481, 5.1269

# Complementary

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



138.9760, -36.9632, 49.1330



120.0240, 36.9632, -49.1330

# 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.



130.6240, 47.0204, -54.9212



138.9760, -36.9632, 49.1330



115.8250, 35.0893, -101.5785

# Square

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



138.9760, -36.9632, 49.1330



121.1070, -9.4198, -58.8528



115.7230, 49.9296, -101.4891



144.8790, 17.3147, 46.5871



# Rectangle

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



138.9760, -36.9632, 49.1330



133.5430, -37.2427, -1.3532



115.7230, 49.9296, -101.4891



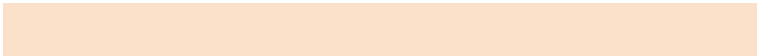
141.3090, 38.3017, -11.6720

# Sweetspot

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



138.9760, -36.9632, 49.1330



230.4510, -14.0263, 18.8985



111.3770, 12.1391, 73.3374



114.4870, -8.6211, 11.8509



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.



138.9760, -36.9632, 49.1330



164.7610, -57.5632, 76.5086



175.9570, -55.1948, 16.7007



92.9250, -2.9210, 3.5738



92.1640, -45.4369, 60.3692



18.6720, -9.2053, 12.5657



# Inverse Universe

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



120.0240, 36.9632, -49.1330



135.2390, 57.5632, -76.5086



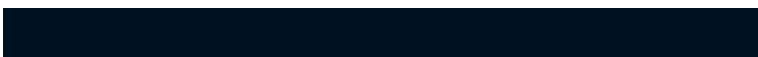
83.0430, 55.1948, -16.7007



91.0750, 2.9210, -3.5738



68.8360, 45.4369, -60.3692

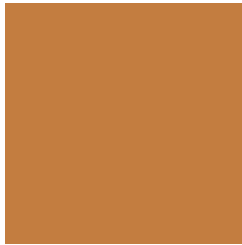


14.3280, 9.2053, -12.5657



# Previews

## White Background



This preview shows how the YUV color 138.9760, -36.9632, 49.1330 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 138.9760, -36.9632, 49.1330 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

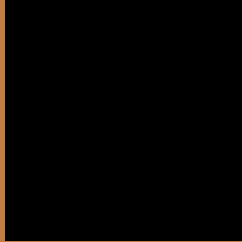
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 138.9760, -36.9632, 49.1330

## Background



This preview shows how black text looks on a background with the YUV color 138.9760, -36.9632, 49.1330.



This preview shows how white text looks on a background with the YUV color 138.9760, -36.9632, 49.1330.



# 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

138.9760, -36.9632, 49.1330

### Protanopia

138.1630, -34.0974, 16.5200

### Deuteranopia

138.6380, -37.7825, 31.8895



## Tritanopia

143.2450, -8.0088, 48.8971

# Trichromacy



## Original Color

138.9760, -36.9632, 49.1330

## Protanomaly

138.5990, -35.2983, 28.4157

## Deuteranomaly

138.4970, -37.2200, 38.1521

## Tritanomaly

142.0850, -18.7759, 49.0375

# Monochromacy



## Original Color

138.9760, -36.9632, 49.1330

## Achromatopsia

139.0000, 0.0000, 0.0000

## Achromatomaly

138.9670, -13.2947, 17.5689

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.9760, -36.9632, 49.1330 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(195, 125, 64)` looks like.

```
.text, #text, p{  
    color:rgb(195, 125, 64)  
}
```

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(195, 125, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 125, 64) }
```

## Border

The CSS property to change the border of an element to YUV 138.9760, -36.9632, 49.1330 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(195, 125, 64) }
```



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

```
.border{ border-color:rgb(195, 125, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 125, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 125, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 125, 64);  
box-shadow:4px 4px 4px 4px rgb(195, 125,  
64) }
```

# Background

The CSS property to change the background color of an element to YUV 138.9760, -36.9632, 49.1330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 125, 64) }
```

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

```
.background{ background-color: rgb(195,  
125, 64) }
```

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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