

# Converting Colors

YUV(128.9870, -40.4196,  
37.7224)

Have a look what the booklet for  
YUV(128.9870, -40.4196, 37.7224)  
contains.

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# Color

**YUV(128.9870, -40.4196,  
37.7224)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AC7B2F
RGB	172, 123, 47
RGB Percent	67%, 48%, 18%
CMY	0.3255, 0.5176, 0.8157
CMYK	0.00, 0.28, 0.73, 0.33
HSL	36°, 57%, 43%
HSV	36°, 73%, 67%
XYZ	24.6093, 23.1418, 5.8591
YIQ	128.9870, 53.6000, -13.2480

# Conversions

## Conversions Part 2

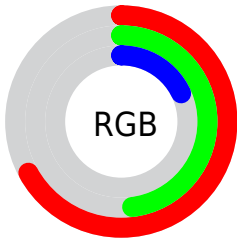
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 172, 47
Decimal	11303727
CIE <sub>Lab</sub>	55.22, 11.71, 47.28
CIE <sub>LCh</sub>	55, 48.711, 76.094
Yxy	23.1418, 0.4590, 0.4317
Android (android.graphics.Color)	4289493807 (0xFFAC7B2F)
YUV	128.9870, -40.4196, 37.7224
Hunter-Lab	48.1059, 7.1289, 26.4529

# Details

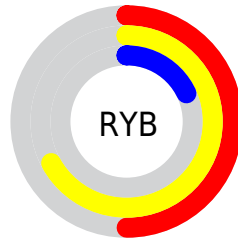
The YUV color **128.9870, -40.4196, 37.7224** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **90.0130, 40.4196, -37.7224**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.8520, -42.3250, 42.2258**, and **77.8230, -38.3667, 32.6042** is the 20% darker color. If you saturate the color by 10%, you get **122.9400, -45.8194, 43.0256**, and if you desaturate by 10%, it is **135.0340, -35.0198, 32.4192**.

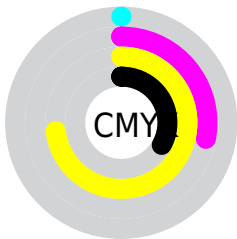
# Distribution



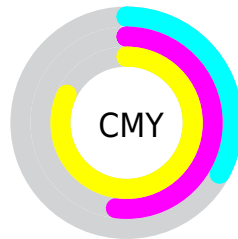
- Red (67%)
- Green (48%)
- Blue (18%)



- Red (50%)
- Yellow (67%)
- Blue (18%)



- Cyan (0%)
- Magenta (28%)
- Yellow (73%)
- Black (33%)



- Cyan (33%)
- Magenta (52%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 128.9870, -40.4196, 37.7224 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 128.9870, -40.4196, 37.7224 by changing the saturation by 10% instead.



■ 128.9870,  
-40.4196, 37.7224

■ 128.9870,  
-40.4196, 37.7224

■ 255.0000, 0.0000,  
0.0000

■ 102.6770,  
-40.2668, 35.3633

■ 182.8520,  
-42.3250, 42.2258

■ 77.8230, -38.3667,  
32.6042

■ 209.4280,  
-42.6090, 39.9666

■ 56.8360, -28.0201,  
27.3308

■ 228.9420,  
-38.9184, 22.8529

■ 36.4360, -17.9629,  
21.5426

■ 246.1080,  
-34.0702, 7.7983

■ 16.3460, -8.0586,  
18.1136

■ 249.3000,  
-21.8399, 4.9989

■ 0.0000, 0.0000,  
0.0000

■ 252.6060, -9.1728,

2.0995

■ 128.9870,  
-40.4196, 37.7224

■ 128.9870,  
-40.4196, 37.7224

■ 122.9400,  
-45.8194, 43.0256

■ 135.0340,  
-35.0198, 32.4192

■ 117.4800,  
-51.5086, 47.8140

■ 140.4940,  
-29.3305, 27.6308

■ 113.0630,  
-55.7401, 51.6877

■ 146.6550,  
-23.4939, 22.2276

■ 152.7020,  
-18.0941, 16.9243

■ 158.7490,  
-12.6943, 11.6211

■ 164.2090, -7.0050,  
6.8327

■ 170.2560, -1.6052,  
1.5295

■ 176.4170, 4.2314,  
-3.8737

■ 182.4640, 9.6312,  
-9.1769

# Harmonies

## Analogous

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



130.6320, -28.4126, 59.9587



128.9870, -40.4196, 37.7224



125.6150, -39.7432, 7.3536

# Triad

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



128.9870, -40.4196, 37.7224



107.3670, 22.9901, -94.1609



136.5540, 26.8419, 24.0701

# Complementary

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



128.9870, -40.4196, 37.7224



90.0130, 40.4196, -37.7224

# 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.



129.6060, 41.1132, -26.8415



128.9870, -40.4196, 37.7224



109.9380, 40.4566, -96.4156

# Square

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



128.9870, -40.4196, 37.7224



101.7640, 4.0603, -89.2470



107.7500, 52.3813, -94.4968



134.2950, 9.7146, 57.6233



# Rectangle

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



128.9870, -40.4196, 37.7224



122.1650, -30.6473, -16.8077



107.7500, 52.3813, -94.4968



135.8340, 32.1268, 8.9156

# Sweetspot

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



128.9870, -40.4196, 37.7224



207.2610, -15.9047, 14.6801



90.0750, 3.4140, 71.8482



102.2370, -9.4838, 8.5622



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



128.9870, -40.4196, 37.7224



157.1580, -63.1819, 58.6204



154.1620, -52.8309, 5.1199



83.6260, -2.7736, 2.9590



98.2670, -48.4456, 45.3698



15.0950, -7.4418, 6.9327



# Inverse Universe

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



90.0130, 40.4196, -37.7224



96.4290, 62.8925, -59.1352



64.8380, 52.8309, -5.1199



80.7870, 3.0630, -2.4442



51.7330, 48.4456, -45.3698

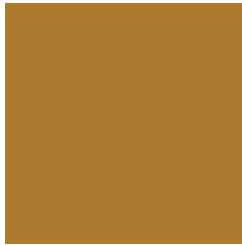


7.9050, 7.4418, -6.9327



# Previews

## White Background



This preview shows how the YUV color 128.9870, -40.4196, 37.7224 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 128.9870, -40.4196, 37.7224 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 128.9870, -40.4196, 37.7224

## Background



This preview shows how black text looks on a background with the YUV color 128.9870, -40.4196, 37.7224.



This preview shows how white text looks on a background with the YUV color 128.9870, -40.4196, 37.7224.

37.7224.

# 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

128.9870, -40.4196, 37.7224

### Protanopia

128.0230, -38.4653, 17.5198

### Deuteranopia

128.8400, -40.8401, 32.5893



## Tritanopia

134.5640, -5.2081, 37.2164

# Trichromacy



## Original Color

128.9870, -40.4196, 37.7224

## Protanomaly

128.2520, -39.0712, 25.2120

## Deuteranomaly

128.8510, -40.8455, 34.3337

## Tritanomaly

132.5350, -18.0118, 37.2418

# Monochromacy



## Original Color

128.9870, -40.4196, 37.7224

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

129.1900, -14.8837, 13.8654

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 128.9870, -40.4196, 37.7224 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(172, 123, 47)` looks like.

```
.text, #text, p{  
    color:rgb(172, 123, 47)  
}
```

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(172, 123, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 123, 47) }
```

## Border

The CSS property to change the border of an element to YUV 128.9870, -40.4196, 37.7224 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(172, 123, 47) }
```



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

```
.border{ border-color:rgb(172, 123, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 123, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 123, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 123, 47);  
box-shadow:4px 4px 4px 4px rgb(172, 123,  
47) }
```

# Background

The CSS property to change the background color of an element to YUV 128.9870, -40.4196, 37.7224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 123, 47) }
```

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

```
.background{ background-color: rgb(172,  
123, 47) }
```

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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