

# Converting Colors

YUV(99.6410, -49.1230,  
29.2558)

Have a look what the booklet for  
YUV(99.6410, -49.1230, 29.2558)  
contains.

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# Color

**YUV(99.6410, -49.1230,  
29.2558)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	856600
RGB	133, 102, 0
RGB Percent	52%, 40%, 0%
CMY	0.4784, 0.6000, 1.0000
CMYK	0.00, 0.23, 1.00, 0.48
HSL	46°, 100%, 26%
HSV	46°, 100%, 52%
XYZ	14.4242, 14.4893, 2.0365
YIQ	99.6410, 51.2180, -25.1500

# Conversions

## Conversions Part 2

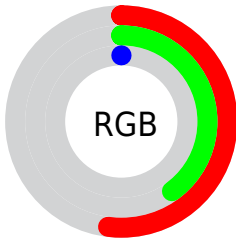
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 133, 0
Decimal	8742400
CIELab	44.93, 4.08, 51.96
CIELCh	45, 52.117, 85.505
Yxy	14.4893, 0.4660, 0.4682
Android (android.graphics.Color)	4286932480 (0xFF856600)
YUV	99.6410, -49.1230, 29.2558
Hunter-Lab	38.0648, 1.0272, 23.4733

# Details

The YUV color **99.6410, -49.1230, 29.2558** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **33.3590, 49.1230, -29.2558**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.5750, -45.6395, 31.9447**, and **56.4930, -27.8510, 19.7386** is the 20% darker color. If you saturate the color by 10%, you get **99.6410, -49.1230, 29.2558**, and if you desaturate by 10%, it is **102.8840, -44.3128, 26.4117**.

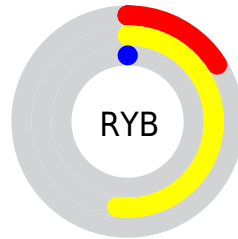
# Distribution



Red (52%)

Green (40%)

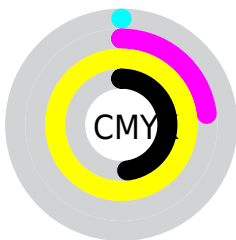
Blue (0%)



Red (16%)

Yellow (52%)

Blue (0%)

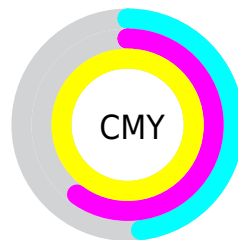


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (60%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 99.6410, -49.1230, 29.2558 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 99.6410, -49.1230, 29.2558 by changing the saturation by 10% instead.



■ 99.6410, -49.1230,  
29.2558

■ 99.6410, -49.1230,  
29.2558

■ 254.5440, -1.7472,  
0.3999

■ 77.1810, -38.0502,  
24.3973

■ 153.5750,  
-45.6395, 31.9447

■ 56.4930, -27.8510,  
19.7386

■ 180.3580,  
-46.5185, 33.8890

■ 36.0930, -17.7938,  
13.9504

■ 208.7280,  
-47.6869, 35.3185

■ 16.5900, -8.1789,  
10.0066


■ 230.0360,  
-44.8807, 21.8934


■ 0.0000, 0.0000,  
0.0000

■ 244.8540,  
-38.8750, 8.8980


■ 248.0460,

-26.6447, 6.0987


 251.2380,  
-14.4143, 3.2993


 99.6410, -49.1230,  
29.2558

 102.8840,  
-44.3128, 26.4117

 106.2410,  
-39.0658, 23.4676

 109.4840,  
-34.2556, 20.6235

 112.7270,  
-29.4454, 17.7794

 116.6710,  
-24.4878, 14.3205

■ 119.9140,  
-19.6776, 11.4764

■ 123.1570,  
-14.8674, 8.6323

■ 126.4000,  
-10.0572, 5.7882

■ 129.7570, -4.8102,  
2.8441

# Harmonies

## Analogous

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



102.4050, -34.2167, 54.8958



99.6410, -49.1230, 29.2558



96.3100, -40.5788, -4.6569

# Triad

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



99.6410, -49.1230, 29.2558



90.2640, 25.9988, -79.1615



109.0180, 23.1621, 37.6952

# Complementary

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



99.6410, -49.1230, 29.2558



33.3590, 49.1230, -29.2558

# 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.



106.4230, 38.7385, -11.7720



99.6410, -49.1230, 29.2558



92.3790, 41.7182, -81.0164

# Square

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



99.6410, -49.1230, 29.2558



85.1340, 6.3429, -74.6625



88.3330, 51.6008, -77.4680



103.9110, 5.4669, 66.7301



# Rectangle

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



99.6410, -49.1230, 29.2558



91.4450, -25.3624, -31.9623



88.3330, 51.6008, -77.4680



109.4230, 28.8785, 24.1850

# Sweetspot

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



99.6410, -49.1230, 29.2558



160.0280, -19.2408, 11.3764



43.3010, -6.0644, 78.6660



78.6560, -11.6624, 7.3177



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



99.6410, -49.1230, 29.2558



129.7980, -63.9904, 37.8882



107.3730, -52.9349, -8.2201



64.7290, -2.3314, 1.1147



97.5700, -48.1020, 28.4411



2.0710, -1.0210, 0.8147



# Inverse Universe

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



33.3590, 49.1230, -29.2558



43.2020, 63.9904, -37.8882



25.6270, 52.9349, 8.2201



61.2710, 2.3314, -1.1147



32.4300, 48.1020, -28.4411

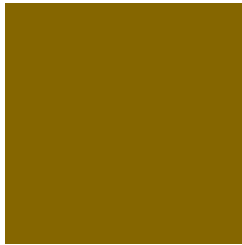


0.9290, 1.0210, -0.8147



# Previews

## White Background



This preview shows how the YUV color 99.6410, -49.1230, 29.2558 looks on a white 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



# Black Background



This preview shows how the YUV color 99.6410, -49.1230, 29.2558 looks on a black 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

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

# YUV 99.6410, -49.1230, 29.2558

## Background



This preview shows how black text looks on a background with the YUV color 99.6410, -49.1230, 29.2558.



This preview shows how white text looks on a background with the YUV color 99.6410, -49.1230,



# 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

99.6410, -49.1230, 29.2558

### Protanopia

99.4870, -45.5961, 17.9899

### Deuteranopia

100.2220, -46.9444, 30.5003



## Tritanopia

108.6550, -3.2809, 25.7356

# Trichromacy



## Original Color

99.6410, -49.1230, 29.2558

## Protanomaly

99.4660, -47.0647, 22.3933

## Deuteranomaly

99.6950, -47.6706, 30.0855

## Tritanomaly

105.6000, -20.0158, 26.6608

# Monochromacy



## Original Color

99.6410, -49.1230, 29.2558

## Achromatopsia

100.0000, 0.0000, 0.0000

## Achromatomaly

100.0710, -17.7830, 10.4617

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.6410, -49.1230, 29.2558 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(133, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 102, 0)  
}
```

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(133, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 102, 0) }
```

## Border

The CSS property to change the border of an element to YUV 99.6410, -49.1230, 29.2558 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(133, 102, 0) }
```



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

```
.border{ border-color:rgb(133, 102, 0) }
```

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

Here you see how a box with a 4 pixel rgb(133, 102, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 102,  
0) }
```

# Background

The CSS property to change the background color of an element to YUV 99.6410, -49.1230, 29.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 102, 0) }
```

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

```
.background{ background-color: rgb(133,  
102, 0) }
```

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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