

# Converting Colors

YUV(39.1400, -12.3940, 8.6472)

Have a look what the booklet for  
YUV(39.1400, -12.3940, 8.6472)  
contains.

<b>YUV(39.1400, -12.3940, 8.6472)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(39.1400, -12.3940,  
8.6472)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	31270E
RGB	49, 39, 14
RGB Percent	19%, 15%, 5%
CMY	0.8078, 0.8471, 0.9451
CMYK	0.00, 0.20, 0.71, 0.81
HSL	43°, 56%, 12%
HSV	43°, 71%, 19%
XYZ	2.0714, 2.1357, 0.7185
YIQ	39.1400, 13.9850, -5.6550

# Conversions

## Conversions Part 2

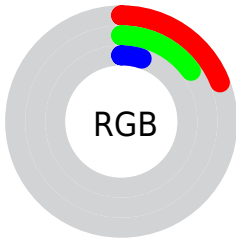
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 49, 14
Decimal	3221262
CIE <sub>Lab</sub>	16.18, 0.94, 17.63
CIE <sub>LCh</sub>	16, 17.651, 86.952
Yxy	2.1357, 0.4205, 0.4336
Android (android.graphics.Color)	4281411342 (0xFF31270E)
YUV	39.1400, -12.3940, 8.6472
Hunter-Lab	14.6141, -0.2739, 7.3148

# Details

The YUV color **39.1400, -12.3940, 8.6472** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **23.8600, 12.3940, -8.6472**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.8090, -13.7098, 10.6915**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.9830, -14.2886, 9.6619**, and if you desaturate by 10%, it is **40.2970, -10.4994, 7.6325**.

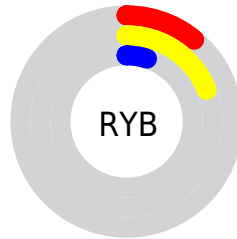
# Distribution



Red (19%)

Green (15%)

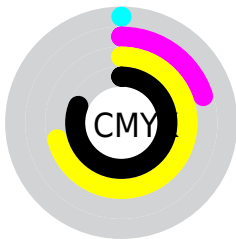
Blue (5%)



Red (11%)

Yellow (19%)

Blue (5%)

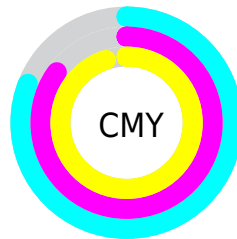


Cyan (0%)

Magenta (20%)

Yellow (71%)

Black (81%)



Cyan (81%)

Magenta (85%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 39.1400, -12.3940, 8.6472 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 39.1400, -12.3940, 8.6472 by changing the saturation by 10% instead.



■ 39.1400, -12.3940,  
8.6472

■ 39.1400, -12.3940,  
8.6472

■ 253.0620, -7.4256,  
1.6996

■ 19.5250, -9.6258,  
7.4326

■ 84.8090, -13.7098,  
10.6915

■ 0.0000, 0.0000,  
0.0000

■ 108.9940,  
-14.2940, 11.4063


■ 134.1790,  
-14.8782, 12.1210


■ 160.3640,  
-15.4625, 12.8358


■ 187.3640,  
-15.4625, 12.8358


■ 215.4350,


-16.4835, 13.6505


 242.2390,  
-15.8938, 11.1914


 39.1400, -12.3940,  
8.6472


 39.1400, -12.3940,  
8.6472


 37.9830, -14.2886,  
9.6619


 40.2970, -10.4994,  
7.6325


 36.2390, -15.8938,  
11.1914

 42.0410, -8.8942,  
6.1030

 35.1960, -17.3516,  
12.1061

 43.1980, -6.9996,  
5.0884

 44.9420, -5.3944,  
3.5589

 46.0990, -3.4998,  
2.5442

■ 47.1420, -2.0420,  
1.6295

■ 48.8860, -0.4368,  
0.1000

■ 50.0430, 1.4578,  
-0.9147

■ 51.7870, 3.0630,  
-2.4442

# Harmonies

## Analogous

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



39.7650, -10.2371, 16.8691



39.1400, -12.3940, 8.6472



37.9430, -10.3249, -1.7040

# Triad

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



39.1400, -12.3940, 8.6472



32.8160, 8.9647, -28.7796



41.9720, 5.9298, 11.4256

# Complementary

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



39.1400, -12.3940, 8.6472



23.8600, 12.3940, -8.6472

# 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.



40.5620, 11.0619, -1.3699



39.1400, -12.3940, 8.6472



33.3690, 13.6221, -29.2646

# Square

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



39.1400, -12.3940, 8.6472



31.9210, 2.9969, -27.9947



36.8480, 13.8789, -18.2837



41.2350, 0.3771, 19.0879

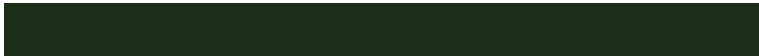


# Rectangle

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



39.1400, -12.3940, 8.6472



36.9960, -7.3930, -8.7665



36.8480, 13.8789, -18.2837



41.4060, 7.6878, 7.5369

# Sweetspot

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



39.1400, -12.3940, 8.6472



60.0560, -4.9576, 3.4589



25.7190, -0.3545, 20.4174



30.9140, -2.9156, 1.8294



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000



# Same Dimension

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



39.1400, -12.3940, 8.6472



48.3380, -19.3936, 13.7356



42.9170, -14.2561, -0.8042



25.0710, -1.0210, 0.8147



64.1790, -31.6402, 21.7680



155.8680, -76.8429, 53.6128



# Inverse Universe

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



23.8600, 12.3940, -8.6472



24.6620, 19.3936, -13.7356



20.0830, 14.2561, 0.8042



23.9290, 1.0210, -0.8147



24.8210, 31.6402, -21.7680

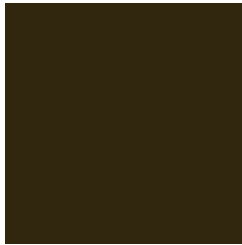


61.1320, 76.8429, -53.6128



# Previews

## White Background



This preview shows how the YUV color 39.1400, -12.3940, 8.6472 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

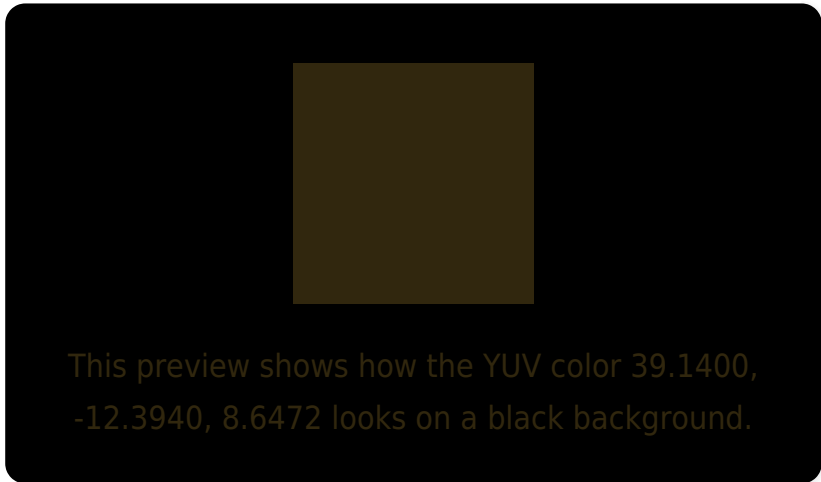
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

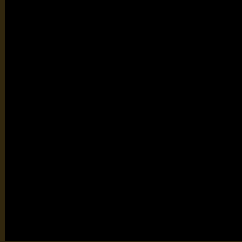
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 39.1400, -12.3940, 8.6472

## Background



This preview shows how black text looks on a background with the YUV color 39.1400, -12.3940, 8.6472.



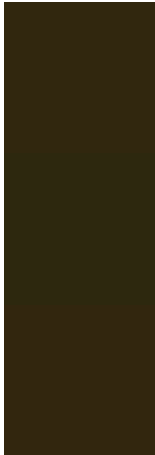
This preview shows how white text looks on a background with the YUV color 39.1400, -12.3940,



# 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

39.1400, -12.3940, 8.6472

### Protanopia

38.5310, -12.0938, 5.6733

### Deuteranopia

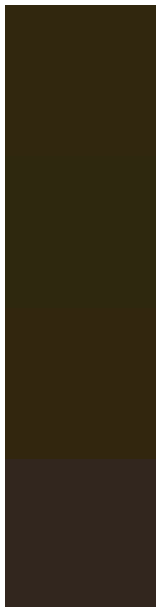
38.8520, -12.2520, 9.7768



## Tritanopia

41.4140, -1.1901, 8.4069

# Trichromacy



## Original Color

39.1400, -12.3940, 8.6472

## Protanomaly

38.8300, -12.2412, 6.2881

## Deuteranomaly

38.8520, -12.2520, 9.7768

## Tritanomaly

40.6760, -5.2633, 8.1771

# Monochromacy



## Original Color

39.1400, -12.3940, 8.6472

## Achromatopsia

39.0000, 0.0000, 0.0000

## Achromatomaly

39.1700, -4.5208, 3.3589

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 39.1400, -12.3940, 8.6472 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(49, 39, 14)` looks like.

```
.text, #text, p{  
    color:rgb(49, 39, 14)  
}
```

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(49, 39, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 39, 14) }
```

## Border

The CSS property to change the border of an element to YUV 39.1400, -12.3940, 8.6472 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(49, 39, 14) }
```



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

```
.border{ border-color:rgb(49, 39, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 39, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 39, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 39, 14);  
box-shadow:4px 4px 4px 4px rgb(49, 39, 14)  
}
```

# Background

The CSS property to change the background color of an element to YUV 39.1400, -12.3940, 8.6472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 39, 14) }
```

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

```
.background{ background-color: rgb(49, 39,  
14) }
```

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](#).

Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor