

# Converting Colors

YUV(60.7910, -29.9700, -0.6937)

Have a look what the booklet for  
YUV(60.7910, -29.9700, -0.6937)  
contains.

<b>YUV(60.7910, -29.9700, -0.6937)</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> .....	30

# Color

**YUV(60.7910, -29.9700,  
-0.6937)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C4900
RGB	60, 73, 0
RGB Percent	24%, 29%, 0%
CMY	0.7647, 0.7137, 1.0000
CMYK	0.18, 0.00, 1.00, 0.71
HSL	71°, 100%, 14%
HSV	71°, 100%, 29%
XYZ	4.2460, 5.7257, 0.8814
YIQ	60.7910, 15.6850, -25.4590

# Conversions

## Conversions Part 2

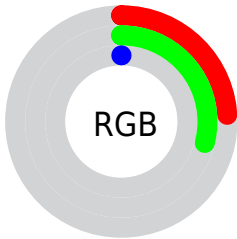
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 73, 13
Decimal	3950848
CIELab	28.71, -15.30, 36.89
CIELCh	29, 39.940, 112.527
Yxy	5.7257, 0.3912, 0.5276
Android (android.graphics.Color)	4282140928 (0xFF3C4900)
YUV	60.7910, -29.9700, -0.6937
Hunter-Lab	23.9285, -10.2008, 14.5661

# Details

The YUV color **60.7910, -29.9700, -0.6937** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12.2090, 29.9700, 0.6937**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.2040, -29.6806, -0.1789**, and **20.3010, -10.0084, -9.9110** is the 20% darker color. If you saturate the color by 10%, you get **60.7910, -29.9700, -0.6937**, and if you desaturate by 10%, it is **61.8880, -27.0598, -0.7788**.

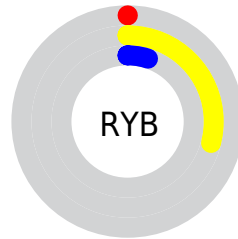
# Distribution



Red (24%)

Green (29%)

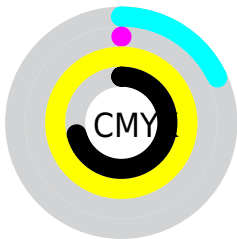
Blue (0%)



Red (0%)

Yellow (29%)

Blue (5%)

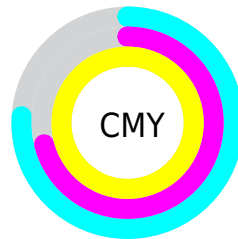


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (71%)



Cyan (76%)

Magenta (71%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 60.7910, -29.9700, -0.6937 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 60.7910, -29.9700, -0.6937 by changing the saturation by 10% instead.



60.7910, -29.9700,  
-0.6937

60.7910, -29.9700,  
-0.6937

252.7200, -8.7360,  
1.9996

40.4130, -19.9236,  
-2.9932

110.2040,  
-29.6806, -0.1789

20.3010, -10.0084,  
-9.9110

135.5030,  
-29.8280, 0.4359

0.0000, 0.0000,  
0.0000

162.1610,  
-31.1384, 0.7358


189.3460,  
-31.7226, 1.4506


217.1180,  
-32.5962, 1.6505


244.2430,


-32.1648, 3.2949


 249.4140,  
-21.4031, 4.8989


 60.7910, -29.9700,  
-0.6937

 61.8880, -27.0598,  
-0.7788

 63.3980, -23.8602,  
-0.3490

 64.4950, -20.9500,  
-0.4341

 65.5920, -18.0399,  
-0.5192

 67.1020, -14.8403,  
-0.0895

■ 68.1990, -11.9301,  
-0.1745

■ 69.2960, -9.0199,  
-0.2596

■ 70.3930, -6.1097,  
-0.3447

■ 71.9030, -2.9102,  
0.0851

# Harmonies

## Analogous

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



64.1790, -31.6402, 21.7680



60.7910, -29.9700, -0.6937



53.9360, -13.2794, -34.1469

# Triad

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



60.7910, -29.9700, -0.6937



60.1840, 27.5173, -52.7814



66.0780, 5.3845, 46.4126

# Complementary

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



60.7910, -29.9700, -0.6937



12.2090, 29.9700, 0.6937

# 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.



69.2630, 18.1113, 24.3253



60.7910, -29.9700, -0.6937



58.1440, 34.9320, -50.9923

# Square

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



60.7910, -29.9700, -0.6937



58.3940, 15.5818, -51.2115



66.4800, 28.8504, -13.5760



64.0280, -8.8878, 50.8414



# Rectangle

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



60.7910, -29.9700, -0.6937



53.0190, -2.4744, -46.4977



66.4800, 28.8504, -13.5760



67.4840, 9.6214, 40.7945

# Sweetspot

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



60.7910, -29.9700, -0.6937



89.3130, -11.4933, -0.2745



28.8710, -14.2334, 38.7011



45.1650, -6.9833, -0.1447



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000



# Same Dimension

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



60.7910, -29.9700, -0.6937



78.5000, -38.7005, -0.4385



50.0270, -24.6633, -22.8257



35.2450, -1.5998, -0.2149



82.6310, -40.7371, -0.5534



189.1620, -93.2569, -1.8961



# Inverse Universe

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



12.2090, 29.9700, 0.6937



15.7990, 38.5531, 1.0533



22.9730, 24.6633, 22.8257



32.7550, 1.5998, 0.2149



16.6680, 40.5897, 1.1682



37.8380, 93.2569, 1.8961



# Previews

## White Background



This preview shows how the YUV color 60.7910, -29.9700, -0.6937 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

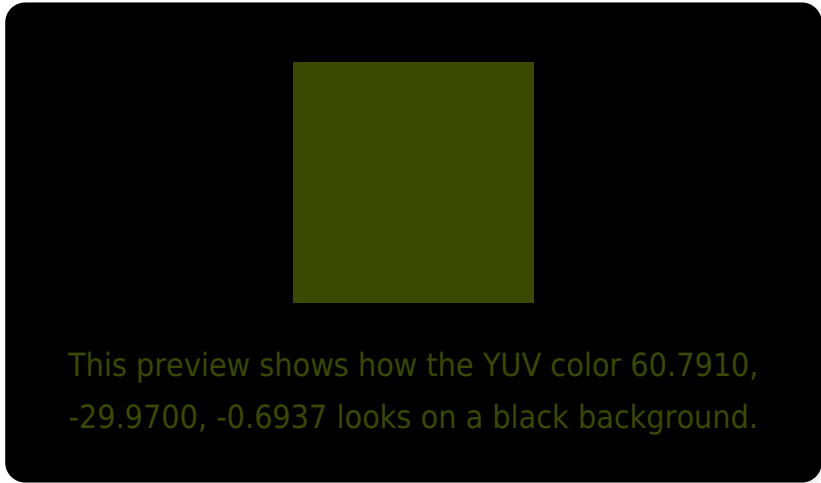
Any Text WCAG AA ✓ Pass

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

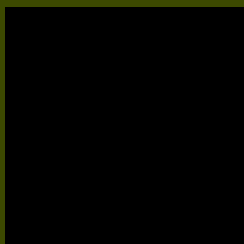
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 60.7910, -29.9700, -0.6937

## Background



This preview shows how black text looks on a background with the YUV color 60.7910, -29.9700, -0.6937.



This preview shows how white text looks on a background with the YUV color 60.7910, -29.9700,

-0.6937.

# 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



### Protanopia

62.9390, -31.0289, 12.3315

### Deuteranopia

64.7640, -25.5197, 18.6240

### Tritanopia

67.9720, 2.4788, -1.7294

# Trichromacy



## Protanomaly

62.3190, -30.7233, 7.6132

## Deuteranomaly

63.2640, -27.2452, 12.0465

## Tritanomaly

65.4700, -9.5987, -1.2892

# Monochromacy



## Achromatopsia

61.0000, 0.0000, 0.0000

## Achromatomaly

60.8400, -10.7671, 0.1403

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 60.7910, -29.9700, -0.6937 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(60, 73, 0)` looks like.

```
.text, #text, p{  
    color:rgb(60, 73, 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(60, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 73, 0) }
```

## Border

The CSS property to change the border of an element to YUV 60.7910, -29.9700, -0.6937 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(60, 73, 0) }
```

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

```
.border{ border-color:rgb(60, 73, 0) }
```

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

Here you see how a box with a 4 pixel rgb(60, 73, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 73, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(60, 73, 0); box-shadow:4px  
4px 4px 4px rgb(60, 73, 0) }
```



# Background

The CSS property to change the background color of an element to YUV 60.7910, -29.9700, -0.6937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 73, 0) }
```

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

```
.background{ background-color: rgb(60, 73,  
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](#).

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