

# Converting Colors

YUV(75.7080, -30.9150,  
-24.2999)

Have a look what the booklet for  
YUV(75.7080, -30.9150, -24.2999)  
contains.

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# Color

**YUV(75.7080, -30.9150,  
-24.2999)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	30660D
RGB	48, 102, 13
RGB Percent	19%, 40%, 5%
CMY	0.8118, 0.6000, 0.9490
CMYK	0.53, 0.00, 0.87, 0.60
HSL	96°, 77%, 23%
HSV	96°, 87%, 40%
XYZ	6.0429, 10.1602, 2.0234
YIQ	75.7080, -3.6150, -39.1270

# Conversions

## Conversions Part 2

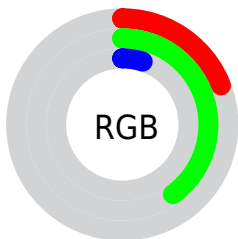
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 102, 67
Decimal	3171853
CIELab	38.13, -33.75, 40.35
CIELCh	38, 52.605, 129.912
Yxy	10.1602, 0.3315, 0.5574
Android (android.graphics.Color)	4281361933 (0xFF30660D)
YUV	75.7080, -30.9150, -24.2999
Hunter-Lab	31.8750, -21.9409, 18.5489

# Details

The YUV color **75.7080, -30.9150, -24.2999** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **39.2920, 30.9150, 24.2999**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.7080, -30.9150, -24.2999**, and **31.6980, -15.6271, -27.7991** is the 20% darker color. If you saturate the color by 10%, you get **72.7740, -34.3986, -26.9888**, and if you desaturate by 10%, it is **78.6420, -27.4315, -21.6110**.

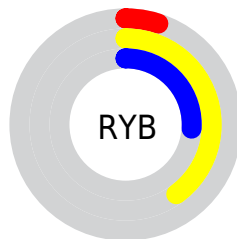
# Distribution



Red (19%)

Green (40%)

Blue (5%)



Red (5%)

Yellow (40%)

Blue (26%)

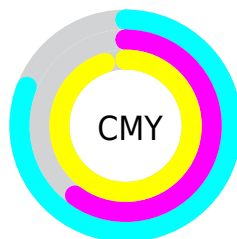


Cyan (53%)

Magenta (0%)

Yellow (87%)

Black (60%)



Cyan (81%)

Magenta (60%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 75.7080, -30.9150, -24.2999 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 75.7080, -30.9150, -24.2999 by changing the saturation by 10% instead.



■ 75.7080, -30.9150,  
-24.2999

■ 75.7080, -30.9150,  
-24.2999

■ 254.8860, -0.4368,  
0.1000

■ 51.7660, -25.5206,  
-27.8588

■ 127.7080,  
-30.9150, -24.2999

■ 31.6980, -15.6271,  
-27.7991

■ 154.4800,  
-31.7886, -24.1000

■ 20.5450, -10.1287,  
-18.0180

■ 181.3660,  
-32.2254, -24.0000


■ 0.0000, 0.0000,  
0.0000


■ 209.7250,  
-33.3884, -24.3148


■ 231.7410,  
-30.9313, -19.0669


■ 243.6040,


-22.9758, -4.0377


 251.5800,  
-13.1039, 2.9993


 75.7080, -30.9150,  
-24.2999


 75.7080, -30.9150,  
-24.2999


 72.7740, -34.3986,  
-26.9888


 78.6420, -27.4315,  
-21.6110

 71.8340, -35.4142,  
-27.9184

 81.5760, -23.9480,  
-18.9222

 84.9230, -20.1750,  
-15.7185

 87.8570, -16.6915,  
-13.0296

 90.7910, -13.2080,  
-10.3407

■ 93.7250, -9.7244,  
-7.6518

■ 96.6590, -6.2409,  
-4.9629

■ 100.0060, -2.4680,  
-1.7593

■ 102.9400, 1.0156,  
0.9296

# Harmonies

## Analogous

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



82.7080, -40.7750, 11.6571



75.7080, -30.9150, -24.2999



69.5350, -5.1938, -60.9822

# Triad

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



75.7080, -30.9150, -24.2999



79.2540, 44.7378, -69.5058



82.7670, -2.8431, 72.1183

# Complementary

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



75.7080, -30.9150, -24.2999



39.2920, 30.9150, 24.2999

# 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.



87.8800, 15.8352, 54.4792



75.7080, -30.9150, -24.2999



72.6660, 49.9577, -63.7281

# Square

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



75.7080, -30.9150, -24.2999



79.8120, 31.6447, -69.9951



91.7530, 31.6738, 14.2486



84.3210, -23.3293, 62.8625



# Rectangle

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



75.7080, -30.9150, -24.2999



74.0150, 6.8946, -64.9112



91.7530, 31.6738, 14.2486



83.8790, 4.0037, 69.3891

# Sweetspot

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



75.7080, -30.9150, -24.2999



122.7310, -12.1924, -9.4111



70.7220, -28.4569, 27.4308



60.1320, -6.9671, -5.3778



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000



# Same Dimension

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



75.7080, -30.9150, -24.2999



93.6190, -46.1542, -36.4999



66.2690, -21.8246, -46.7169



49.5330, -1.7418, -1.3444



80.9600, -39.9133, -31.5369



170.4590, -84.0363, -66.1775



# Inverse Universe

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



39.2920, 30.9150, 24.2999



39.0820, 46.3016, 35.8851



48.7310, 21.8246, 46.7169



47.4670, 1.7418, 1.3444



34.0400, 39.9133, 31.5369

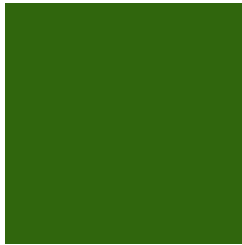


71.5410, 84.0363, 66.1775



# Previews

## White Background



This preview shows how the YUV color 75.7080, -30.9150, -24.2999 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

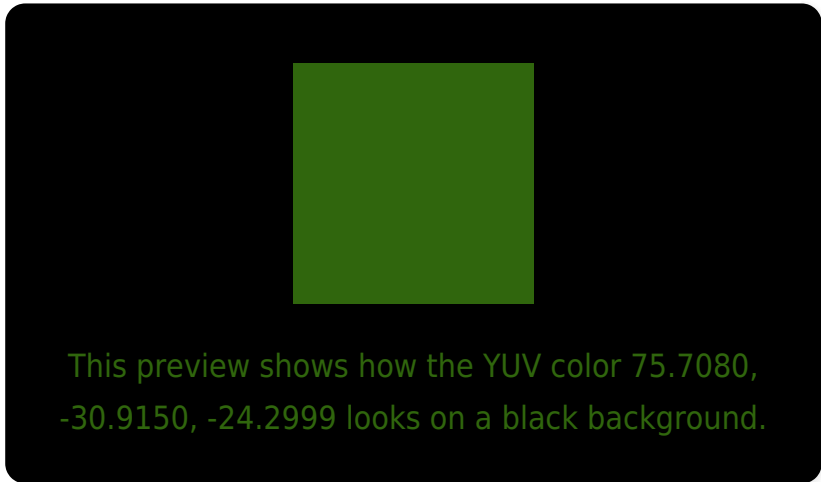
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



## 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 75.7080, -30.9150, -24.2999

## Background



This preview shows how black text looks on a background with the YUV color 75.7080, -30.9150, -24.2999.



This preview shows how white text looks on a background with the YUV color 75.7080, -30.9150,



# 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

75.7080, -30.9150, -24.2999

### Protanopia

84.0550, -37.0021, 14.8608

### Deuteranopia

86.1190, -30.6247, 22.6976



## Tritanopia

86.0450, 8.3588, -21.0875

# Trichromacy



## Original Color

75.7080, -30.9150, -24.2999

## Protanomaly

80.8360, -34.9221, 1.0208

## Deuteranomaly

82.3080, -30.7178, 5.8689

## Tritanomaly

82.5490, -6.1867, -22.4065

# Monochromacy



## Original Color

75.7080, -30.9150, -24.2999

## Achromatopsia

76.0000, 0.0000, 0.0000

## Achromatomaly

75.6710, -11.1768, -8.4815

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 75.7080, -30.9150, -24.2999 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(48, 102, 13)` looks like.

```
.text, #text, p{  
    color:rgb(48, 102, 13)  
}
```

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(48, 102, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 102, 13) }
```

## Border

The CSS property to change the border of an element to YUV 75.7080, -30.9150, -24.2999 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(48, 102, 13) }
```



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

```
.border{ border-color:rgb(48, 102, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 102, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 102, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 102, 13);  
box-shadow:4px 4px 4px 4px rgb(48, 102,  
13) }
```

# Background

The CSS property to change the background color of an element to YUV 75.7080, -30.9150, -24.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 102, 13) }
```

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

```
.background{ background-color: rgb(48, 102,  
13) }
```

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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