

# Converting Colors

YUV(74.7800, -36.8665,  
-28.7481)

Have a look what the booklet for  
YUV(74.7800, -36.8665, -28.7481)  
contains.

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# Color

**YUV(74.7800, -36.8665,  
-28.7481)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2A6A00
RGB	42, 106, 0
RGB Percent	16%, 42%, 0%
CMY	0.8353, 0.5843, 1.0000
CMYK	0.60, 0.00, 1.00, 0.58
HSL	96°, 100%, 21%
HSV	96°, 100%, 42%
XYZ	6.1089, 10.8003, 1.7627
YIQ	74.7800, -4.1180, -46.5340

# Conversions

## Conversions Part 2

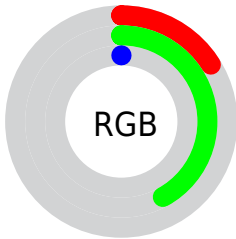
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 106, 64
Decimal	2779648
CIELab	39.24, -37.83, 44.65
CIELCh	39, 58.521, 130.272
Yxy	10.8003, 0.3272, 0.5784
Android (android.graphics.Color)	4280969728 (0xFF2A6A00)
YUV	74.7800, -36.8665, -28.7481
Hunter-Lab	32.8638, -24.3313, 19.8246

# Details

The YUV color **74.7800, -36.8665, -28.7481** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **31.2200, 36.8665, 28.7481**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.0620, -34.5406, -28.1184**, and **34.0460, -16.7847, -29.8583** is the 20% darker color. If you saturate the color by 10%, you get **74.7800, -36.8665, -28.7481**, and if you desaturate by 10%, it is **77.8280, -32.9462, -26.1592**.

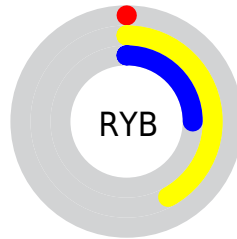
# Distribution



Red (16%)

Green (42%)

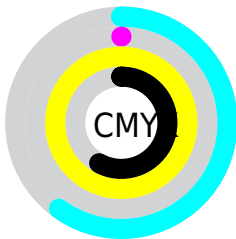
Blue (0%)



Red (0%)

Yellow (42%)

Blue (25%)

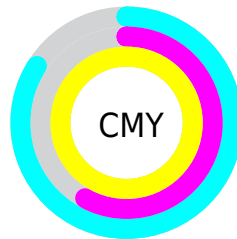


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (84%)

Magenta (58%)


Yellow (100%)

# Brightness & Saturation Gradients


These gradients show how the YUV color 74.7800, -36.8665, -28.7481 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 74.7800, -36.8665, -28.7481 by changing the saturation by 10% instead.





 74.7800, -36.8665,  
-28.7481

 74.7800, -36.8665,  
-28.7481


 254.2020, -3.0576,  
0.6998


 49.9390, -24.6199,  
-36.7805

 128.0620,  
-34.5406, -28.1184


 34.0460, -16.7847,  
-29.8583


 154.9480,  
-34.9774, -28.0184

 21.7190, -10.7075,  
-19.0476

 182.7200,  
-35.8510, -27.8184

 0.0000, 0.0000,  
0.0000


 211.0790,  
-37.0139, -28.1333


 230.1600,  
-33.1099, -20.3113


 242.0230,


-25.1543, -5.2822


 250.8960,  
-15.7247, 3.5992


 74.7800, -36.8665,  
-28.7481

 77.8280, -32.9462,  
-26.1592

 81.0610, -29.6101,  
-22.8555

 84.1090, -25.6897,  
-20.2666

 87.3420, -22.3536,  
-16.9629

 90.3900, -18.4333,  
-14.3740

■ 93.4380, -14.5129,  
-11.7851

■ 96.6710, -11.1768,  
-8.4815

■ 99.7190, -7.2565,  
-5.8926

■ 102.9520, -3.9203,  
-2.5889

# Harmonies

## Analogous

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



85.6540, -42.2274, 10.8274



74.7800, -36.8665, -28.7481



71.7690, -6.7881, -62.9414

# Triad

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



74.7800, -36.8665, -28.7481



83.0840, 49.2586, -72.8647



80.5880, -1.2759, 82.7993

# Complementary

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



74.7800, -36.8665, -28.7481



31.2200, 36.8665, 28.7481

# 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.



88.0320, 18.7182, 63.1159



74.7800, -36.8665, -28.7481



75.9090, 54.7679, -66.5722

# Square

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



74.7800, -36.8665, -28.7481



83.1860, 34.4183, -72.9541



94.3880, 35.3047, 16.3227



84.6810, -25.9717, 70.4398



# Rectangle

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



74.7800, -36.8665, -28.7481



76.7050, 7.0474, -67.2703



94.3880, 35.3047, 16.3227



81.8140, 6.0077, 79.9701

# Sweetspot

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



74.7800, -36.8665, -28.7481



125.7370, -14.6603, -11.1703



69.2620, -34.1462, 32.2192



61.6650, -8.7088, -6.7222



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



74.7800, -36.8665, -28.7481



97.4510, -48.0433, -37.2295



63.4760, -25.8707, -55.6685



52.1200, -2.0312, -1.8592



82.4330, -40.6395, -31.9517



172.8180, -85.1993, -66.4924



# Inverse Universe

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



31.2200, 36.8665, 28.7481



40.5490, 48.0433, 37.2295



42.5240, 25.8707, 55.6685



49.5810, 2.1786, 1.2445



34.5670, 40.6395, 31.9517

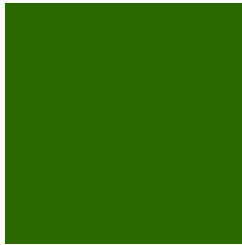


72.1820, 85.1993, 66.4924



# Previews

## White Background



This preview shows how the YUV color 74.7800, -36.8665, -28.7481 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

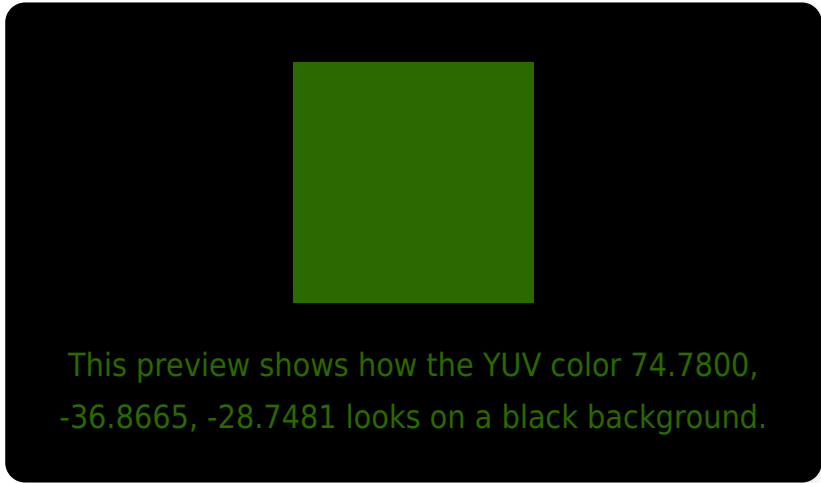
Any Text WCAG AA ✓ Pass

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

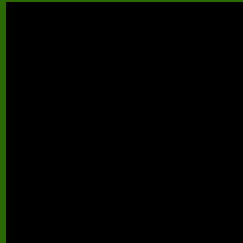
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 74.7800, -36.8665, -28.7481

## Background



This preview shows how black text looks on a background with the YUV color 74.7800, -36.8665, -28.7481.



This preview shows how white text looks on a background with the YUV color 74.7800, -36.8665, -28.7481.



# 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

74.7800, -36.8665, -28.7481

### Protanopia

85.1000, -41.9543, 16.5753

### Deuteranopia

88.2610, -32.6667, 24.3271



## Tritanopia

87.8380, 8.9539, -25.2909

# Trichromacy



## Original Color

74.7800, -36.8665, -28.7481

## Protanomaly

81.1580, -40.0109, -0.1386

## Deuteranomaly

83.3850, -34.2068, 4.9244

## Tritanomaly

83.3590, -8.0650, -26.6248

# Monochromacy



## Original Color

74.7800, -36.8665, -28.7481

## Achromatopsia

75.0000, 0.0000, 0.0000

## Achromatomaly

74.7910, -13.2080, -10.3407

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.7800, -36.8665, -28.7481 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(42, 106, 0)` looks like.

```
.text, #text, p{  
    color:rgb(42, 106, 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(42, 106, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 106, 0) }
```

## Border

The CSS property to change the border of an element to YUV 74.7800, -36.8665, -28.7481 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(42, 106, 0) }
```



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

```
.border{ border-color:rgb(42, 106, 0) }
```

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

Here you see how a box with a 4 pixel rgb(42, 106, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 106, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 106, 0);  
box-shadow:4px 4px 4px 4px rgb(42, 106, 0)  
}
```

# Background

The CSS property to change the background color of an element to YUV 74.7800, -36.8665, -28.7481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 106, 0) }
```

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

```
.background{ background-color: rgb(42, 106,  
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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