

# Converting Colors

YUV(79.3990, -39.1437,  
-45.0769)

Have a look what the booklet for  
YUV(79.3990, -39.1437, -45.0769)  
contains.

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# Color

**YUV(79.3990, -39.1437,  
-45.0769)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C7900
RGB	28, 121, 0
RGB Percent	11%, 47%, 0%
CMY	0.8902, 0.5255, 1.0000
CMYK	0.77, 0.00, 1.00, 0.53
HSL	106°, 100%, 24%
HSV	106°, 100%, 47%
XYZ	7.3163, 13.9216, 2.3015
YIQ	79.3990, -16.5870, -57.3470

# Conversions

## Conversions Part 2

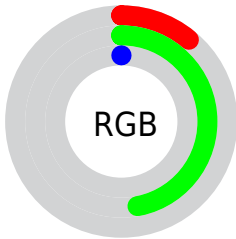
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 121, 93
Decimal	1865984
CIELab	44.12, -46.45, 48.36
CIELCh	44, 67.049, 133.845
Yxy	13.9216, 0.3108, 0.5914
Android (android.graphics.Color)	4280056064 (0xFF1C7900)
YUV	79.3990, -39.1437, -45.0769
Hunter-Lab	37.3117, -30.2943, 22.4609

# Details

The YUV color **79.3990, -39.1437, -45.0769** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **41.6010, 39.1437, 45.0769**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1160, -36.5392, -40.4437**, and **41.6770, -20.5468, -36.5507** is the 20% darker color. If you saturate the color by 10%, you get **79.3990, -39.1437, -45.0769**, and if you desaturate by 10%, it is **83.4580, -35.2288, -40.7437**.

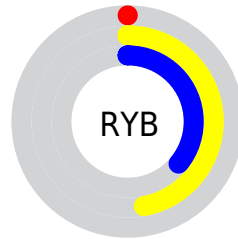
# Distribution



Red (11%)

Green (47%)

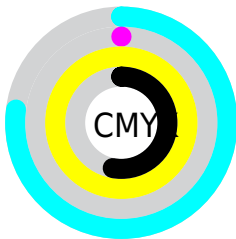
Blue (0%)



Red (0%)

Yellow (47%)

Blue (36%)

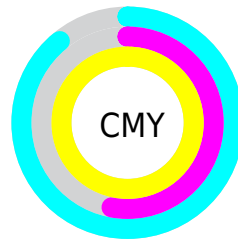


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (89%)

Magenta (53%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 79.3990, -39.1437, -45.0769 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 79.3990, -39.1437, -45.0769 by changing the saturation by 10% instead.



■ 79.3990, -39.1437,  
-45.0769

■ 79.3990, -39.1437,  
-45.0769

254.8860, -0.4368,  
0.1000

■ 55.7650, -27.4921,  
-48.9059

■ 136.1160,  
-36.5392, -40.4437

■ 41.6770, -20.5468,  
-36.5507

■ 163.8880,  
-37.4128, -40.2438

■ 28.1760, -13.8908,  
-24.7104

■ 192.2470,  
-38.5758, -40.5586

■ 13.5010, -6.6560,  
-11.8404


■ 218.0840,  
-38.0024, -37.7847


■ 0.0000, 0.0000,  
0.0000

■ 229.8330,  
-30.4837, -22.6555


■ 241.6960,


-22.5281, -7.6264


 251.5800,  
-13.1039, 2.9993


 79.3990, -39.1437,  
-45.0769

 83.4580, -35.2288,  
-40.7437

 87.8160, -31.4613,  
-35.7956

 91.8750, -27.5464,  
-31.4624

 95.9340, -23.6315,  
-27.1291

 99.9930, -19.7165,  
-22.7959

■ 104.4650,  
-15.5122, -17.9478

■ 108.5240,  
-11.5973, -13.6145

■ 112.5830, -7.6824,  
-9.2813

■ 116.9410, -3.9149,  
-4.3333

# Harmonies

## Analogous

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



95.3670, -47.0159, 6.6941



79.3990, -39.1437, -45.0769



82.0560, -5.4506, -71.9631

# Triad

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



79.3990, -39.1437, -45.0769



94.0210, 58.1636, -82.4564



87.2310, -3.0719, 98.8984

# Complementary

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



79.3990, -39.1437, -45.0769



41.6010, 39.1437, 45.0769

# 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.



95.5980, 20.4112, 80.1596



79.3990, -39.1437, -45.0769



84.8570, 63.6675, -74.4196

# Square

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



79.3990, -39.1437, -45.0769



95.1830, 42.3078, -83.4755



106.1920, 39.3453, 27.0186



95.0860, -33.5664, 79.7316



# Rectangle

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



79.3990, -39.1437, -45.0769



87.6760, 11.0057, -76.8919



106.1920, 39.3453, 27.0186



87.3370, 6.2429, 97.9285

# Sweetspot

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



79.3990, -39.1437, -45.0769



141.8780, -15.2229, -17.4330



90.7700, -44.7496, 26.5117



69.2300, -8.9874, -10.7257



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



79.3990, -39.1437, -45.0769



103.8090, -51.1778, -58.5915



74.6750, -21.0388, -65.4900



58.8210, -1.8838, -2.4740



82.0460, -40.4487, -46.5213



165.2660, -81.4761, -94.0723



# Inverse Universe

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



41.6010, 39.1437, 45.0769



54.4900, 51.0304, 59.2063



46.3250, 21.0388, 65.4900



57.1790, 1.8838, 2.4740



42.9540, 40.4487, 46.5213

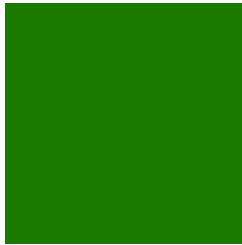


86.7340, 81.4761, 94.0723



# Previews

## White Background



This preview shows how the YUV color 79.3990, -39.1437, -45.0769 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 79.3990, -39.1437, -45.0769

## Background



This preview shows how black text looks on a background with the YUV color 79.3990, -39.1437, -45.0769.



This preview shows how white text looks on a background with the YUV color 79.3990, -39.1437, -45.0769.



# 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

79.3990, -39.1437, -45.0769

### Protanopia

96.0310, -47.3433, 18.3898

### Deuteranopia

100.2460, -36.6033, 26.9713



## Tritanopia

96.6950, 12.4754, -34.8125

# Trichromacy



## Original Color

79.3990, -39.1437, -45.0769

## Protanomaly

89.9850, -44.3626, -4.3718

## Deuteranomaly

92.8530, -37.3955, 1.0059

## Tritanomaly

90.1510, -5.9904, -38.7204

# Monochromacy



## Original Color

79.3990, -39.1437, -45.0769

## Achromatopsia

79.0000, 0.0000, 0.0000

## Achromatomaly

78.8180, -14.2073, -16.5034

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.3990, -39.1437, -45.0769 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(28, 121, 0)` looks like.

```
.text, #text, p{  
    color:rgb(28, 121, 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(28, 121, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 121, 0) }
```

## Border

The CSS property to change the border of an element to YUV 79.3990, -39.1437, -45.0769 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(28, 121, 0) }
```



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

```
.border{ border-color:rgb(28, 121, 0) }
```

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

Here you see how a box with a 4 pixel rgb(28, 121, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 121, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 121, 0);  
box-shadow:4px 4px 4px 4px rgb(28, 121, 0)  
}
```

# Background

The CSS property to change the background color of an element to YUV 79.3990, -39.1437, -45.0769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 121, 0) }
```

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

```
.background{ background-color: rgb(28, 121,  
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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