

# Converting Colors

YUV(56.9800, 77.4109,  
-49.0945)

Have a look what the booklet for  
YUV(56.9800, 77.4109, -49.0945)  
contains.

<b>YUV(56.9800, 77.4109, -49.0945)</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(56.9800, 77.4109,  
-49.0945)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0137D6
RGB	1, 55, 214
RGB Percent	0%, 22%, 84%
CMY	0.9961, 0.7843, 0.1608
CMYK	1.00, 0.74, 0.00, 0.16
HSL	225°, 99%, 42%
HSV	225°, 100%, 84%
XYZ	13.5163, 7.5939, 64.3717
YIQ	56.9800, -83.2230, 38.0010

# Conversions

## Conversions Part 2

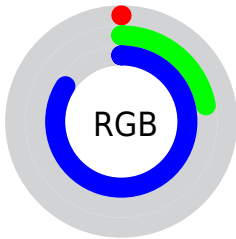
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	1, 44, 214
Decimal	79830
CIE Lab	33.12, 49.25, -83.16
CIE LCh	33, 96.652, 300.633
Yxy	7.5939, 0.1581, 0.0888
Android (android.graphics.Color)	4278269910 (0xFF0137D6)
YUV	56.9800, 77.4109, -49.0945
Hunter-Lab	27.5570, 39.3270, -119.2086

# Details

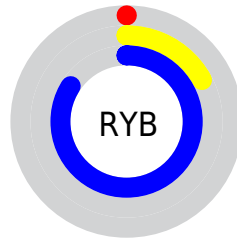
The YUV color **56.9800, 77.4109, -49.0945** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **158.0200, -77.4109, 49.0945**, and the grayscale version is **56.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.2250, 65.9511, -13.3523**, and **25.0560, 65.5414, -21.9741** is the 20% darker color. If you saturate the color by 10%, you get **56.0940, 77.8477, -49.1944**, and if you desaturate by 10%, it is **72.6510, 69.6851, -44.4209**.

# Distribution



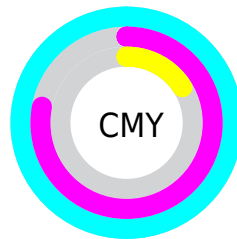
- Red (0%)
- Green (22%)
- Blue (84%)



- Red (0%)
- Yellow (17%)
- Blue (84%)



- Cyan (100%)
- Magenta (74%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (78%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 56.9800, 77.4109, -49.0945 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 56.9800, 77.4109, -49.0945 by changing the saturation by 10% instead.



■ 56.9800, 77.4109,  
-49.0945

■ 56.9800, 77.4109,  
-49.0945

■ 255.0000, 0.0000,  
0.0000

■ 40.5750, 71.6945,  
-35.5843

■ 121.2250, 65.9511,  
-13.3523

■ 25.0560, 65.5414,  
-21.9741

■ 145.7670, 53.8519,  
-5.9347

■ 14.9340, 57.2205,  
-13.0971

■ 171.1840, 41.3213,  
-0.1614

■ 13.6170, 44.5588,  
-11.9421

■ 196.3020, 28.9381,  
4.9971

■ 14.8760, 31.6131,  
-13.0463

■ 221.7190, 16.4075,  
10.7704

■ 9.2050, 22.5769,  
-8.0728

■ 245.0210, 4.9196,

■ 4.9360, 13.8356,

8.7516

-4.3289

■ 0.6840, 2.6208,  
-0.5999

■ 0.0000, 0.0000,  
0.0000

■ 56.9800, 77.4109,  
-49.0945

■ 56.9800, 77.4109,  
-49.0945

■ 56.0940, 77.8477,  
-49.1944

■ 72.6510, 69.6851,  
-44.4209

■ 88.6210, 61.8118,  
-39.1326

■ 104.2920, 54.0860,  
-34.4591

■ 120.2620, 46.2128,  
-29.1708

■ 135.9330, 38.4870,  
-24.4972

■ 151.6040, 30.7612,  
-19.8237

■ 167.5740, 22.8880,  
-14.5354

■ 183.2450, 15.1622,  
-9.8619

■ 199.2150, 7.2890,  
-4.5736

# Harmonies

## Analogous

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



80.4350, 77.1865, -70.5415



56.9800, 77.4109, -49.0945



66.4070, 43.6763, 84.7121

# Triad

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



56.9800, 77.4109, -49.0945



64.2320, -31.6664, 76.9725



69.3530, 4.2630, -60.8226

# Complementary

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



56.9800, 77.4109, -49.0945



158.0200, -77.4109, 49.0945

# 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.



58.7000, -28.9391, -51.4799



56.9800, 77.4109, -49.0945



73.6040, -36.2868, 18.7643

# Square

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



56.9800, 77.4109, -49.0945



57.2660, -26.2601, 116.4077



55.1780, -27.2028, -48.3911



79.4190, 37.7544, -69.6505



# Rectangle

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



56.9800, 77.4109, -49.0945



69.3780, 17.5616, 107.5395



55.1780, -27.2028, -48.3911



65.5740, -7.6780, -57.5084

# Sweetspot

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



56.9800, 77.4109, -49.0945



198.8170, 27.6982, -17.3795



143.8150, 6.5002, -125.2488



93.7010, 16.9094, -10.2618



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



56.9800, 77.4109, -49.0945



67.2250, 92.5731, -58.9563



40.2320, 85.6676, 9.4435



99.0150, 3.9366, -2.6442



44.7350, 62.2486, -39.2326



11.3590, 15.5990, -9.9618



# Inverse Universe

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



70.8430, -7.8106, 125.5487



83.6550, -9.1969, 150.2696



174.7680, -85.6676, -9.4435



99.6310, -0.3111, 6.4626



56.0310, -6.4243, 100.8278



14.1110, -1.5337, 25.3357



# Previews

## White Background



This preview shows how the YUV color 56.9800, 77.4109, -49.0945 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

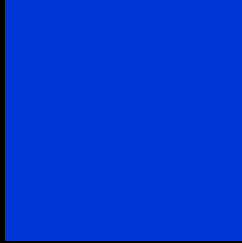
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 56.9800, 77.4109, -49.0945 looks on a 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 56.9800, 77.4109, -49.0945

## Background



This preview shows how black text looks on a background with the YUV color 56.9800, 77.4109, -49.0945.



This preview shows how white text looks on a background with the YUV color 56.9800, 77.4109,



# 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

56.9800, 77.4109, -49.0945

### Protanopia

62.0370, 47.3098, -54.4064

### Deuteranopia

62.2360, 35.3797, -54.5810



## Tritanopia

60.8560, 14.8610, -53.3707

# Trichromacy



## Original Color

56.9800, 77.4109, -49.0945

## Protanomaly

60.2080, 58.0715, -52.8024

## Deuteranomaly

60.2590, 50.6513, -52.8471

## Tritanomaly

59.5290, 37.7002, -52.2069

# Monochromacy



## Original Color

56.9800, 77.4109, -49.0945

## Achromatopsia

57.0000, 0.0000, 0.0000

## Achromatomaly

56.9310, 28.1350, -17.4795

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 56.9800, 77.4109, -49.0945 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(1, 55, 214)` looks like.

```
.text, #text, p{  
    color:rgb(1, 55, 214)  
}
```

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(1, 55, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 55, 214) }
```

## Border

The CSS property to change the border of an element to YUV 56.9800, 77.4109, -49.0945 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(1, 55, 214) }
```



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

```
.border{ border-color:rgb(1, 55, 214) }
```

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

Here you see how a box with a 4 pixel rgb(1, 55, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 55, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 55, 214);  
box-shadow:4px 4px 4px 4px rgb(1, 55, 214)  
}
```

# Background

The CSS property to change the background color of an element to YUV 56.9800, 77.4109, -49.0945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 55, 214) }
```

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

```
.background{ background-color: rgb(1, 55,  
214) }
```

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