

# Converting Colors

YUV(124.8730, -41.3494,  
-37.5996)

Have a look what the booklet for  
YUV(124.8730, -41.3494, -37.5996)  
contains.

<b>YUV(124.8730, -41.3494, -37.5996)</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(124.8730, -41.3494,  
-37.5996)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52A329
RGB	82, 163, 41
RGB Percent	32%, 64%, 16%
CMY	0.6784, 0.3608, 0.8392
CMYK	0.50, 0.00, 0.75, 0.36
HSL	100°, 60%, 40%
HSV	100°, 75%, 64%
XYZ	16.9771, 28.1483, 6.6362
YIQ	124.8730, -9.1140, -55.1140

# Conversions

## Conversions Part 2

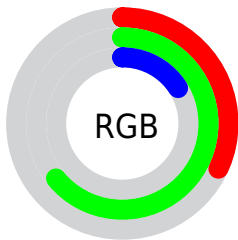
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 163, 122
Decimal	5415721
CIELab	60.02, -46.10, 52.37
CIElCh	60, 69.764, 131.357
Yxy	28.1483, 0.3280, 0.5438
Android (android.graphics.Color)	4283605801 (0xFF52A329)
YUV	124.8730, -41.3494, -37.5996
Hunter-Lab	53.0550, -35.7279, 29.7224

# Details

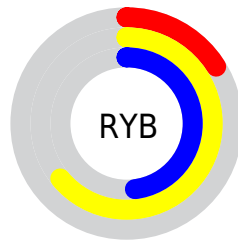
The YUV color **124.8730, -41.3494, -37.5996** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **79.1270, 41.3494, 37.5996**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.6450, -42.2230, -37.3997**, and **69.0550, -34.0441, -47.4062** is the 20% darker color. If you saturate the color by 10%, you get **119.7600, -46.7167, -42.7625**, and if you desaturate by 10%, it is **129.9860, -35.9821, -32.4367**.

# Distribution



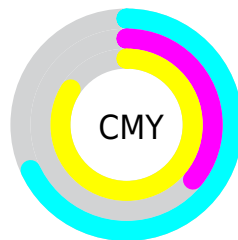
- Red (32%)
- Green (64%)
- Blue (16%)



- Red (16%)
- Yellow (64%)
- Blue (48%)



- Cyan (50%)
- Magenta (0%)
- Yellow (75%)
- Black (36%)



- Cyan (68%)
- Magenta (36%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.8730, -41.3494, -37.5996 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 124.8730, -41.3494, -37.5996 by changing the saturation by 10% instead.



■ 124.8730,  
-41.3494, -37.5996

■ 124.8730,  
-41.3494, -37.5996

■ 255.0000, 0.0000,  
0.0000

■ 96.2490, -44.9858,  
-37.9294

■ 180.6450,  
-42.2230, -37.3997

■ 69.0550, -34.0441,  
-47.4062

■ 208.7160,  
-43.2440, -36.5849

■ 49.8950, -24.5982,  
-43.7579

■ 225.2750,  
-37.6036, -25.6742

■ 35.8070, -17.6529,  
-31.4027

■ 237.0240,  
-30.0848, -10.5450

■ 23.4800, -11.5756,  
-20.5920

■ 249.3000,  
-21.8399, 4.9989

■ 0.0000, 0.0000,  
0.0000

■ 252.4920, -9.6096,

2.1995

■ 124.8730,  
-41.3494, -37.5996

■ 124.8730,  
-41.3494, -37.5996

■ 119.7600,  
-46.7167, -42.7625

■ 129.9860,  
-35.9821, -32.4367

■ 114.5330,  
-52.5208, -47.8254

■ 135.2130,  
-30.1780, -27.3738

■ 112.1260,  
-55.2781, -50.0995

■ 140.0270,  
-24.6633, -22.8257

■ 145.1400,  
-19.2960, -17.6628

■ 150.2530,  
-13.9287, -12.4999

■ 155.4800, -8.1246,  
-7.4370

■ 160.5930, -2.7573,  
-2.2741

■ 165.7060, 2.6099,  
2.8888

■ 170.6340, 8.5614,  
7.3370

# Harmonies

## Analogous

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



132.9110, -65.5251, 16.7411



124.8730, -41.3494, -37.5996



111.5320, -4.2063, -97.8136

# Triad

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



124.8730, -41.3494, -37.5996



124.1640, 64.5021, -108.8918



137.0420, -6.4297, 102.5722

# Complementary

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



124.8730, -41.3494, -37.5996



79.1270, 41.3494, 37.5996

# 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.



143.0110, 20.7006, 80.6744



124.8730, -41.3494, -37.5996



120.7740, 66.1734, -84.8708

# Square

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



124.8730, -41.3494, -37.5996



126.0270, 48.7937, -110.5257



148.4350, 44.1555, 24.1745



138.2830, -35.6355, 90.0828



# Rectangle

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



124.8730, -41.3494, -37.5996



117.6080, 13.9973, -103.1422



148.4350, 44.1555, 24.1745



137.9520, 3.4747, 99.1431

# Sweetspot

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



124.8730, -41.3494, -37.5996



197.3730, -15.9599, -14.3591



123.8510, -40.8455, 34.3337



98.4260, -9.5770, -8.2666



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



124.8730, -41.3494, -37.5996



152.2530, -64.7077, -58.9809



114.6660, -27.4433, -64.6051



79.1800, -3.0467, -2.7889



99.7660, -49.1846, -44.5218



12.3600, -6.0935, -5.5777



# Inverse Universe

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



79.1270, 41.3494, 37.5996



80.7470, 64.7077, 58.9809



89.3340, 27.4433, 64.6051



75.8200, 3.0467, 2.7889



45.5330, 49.0372, 45.1366



5.6400, 6.0935, 5.5777



# Previews

## White Background



This preview shows how the YUV color 124.8730, -41.3494, -37.5996 looks on a white 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



# Black Background



This preview shows how the YUV color 124.8730, -41.3494, -37.5996 looks on a black 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

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

# YUV 124.8730, -41.3494, -37.5996 Background



This preview shows how black text looks on a background with the YUV color 124.8730, -41.3494, -37.5996.



This preview shows how white text looks on a background with the YUV color 124.8730, -41.3494, -37.5996.

-37.5996.

# 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

124.8730, -41.3494, -37.5996

### Protanopia

137.0700, -49.8275, 21.8636

### Deuteranopia

139.8680, -43.3189, 34.3188



## Tritanopia

138.7170, 12.4645, -31.3238

# Trichromacy



## Original Color

124.8730, -41.3494, -37.5996

## Protanomaly

132.7360, -46.7048, 0.2315

## Deuteranomaly

134.2300, -42.5114, 8.5683

## Tritanomaly

133.5430, -7.1697, -33.8022

# Monochromacy



## Original Color

124.8730, -41.3494, -37.5996

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

124.9000, -15.2337, -13.9443

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.8730, -41.3494, -37.5996 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(82, 163, 41)` looks like.

```
.text, #text, p{  
    color:rgb(82, 163, 41)  
}
```

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(82, 163, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 163, 41) }
```

## Border

The CSS property to change the border of an element to YUV 124.8730, -41.3494, -37.5996 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(82, 163, 41) }
```



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

```
.border{ border-color:rgb(82, 163, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 163, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 163, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 163, 41);  
box-shadow:4px 4px 4px 4px rgb(82, 163,  
41) }
```

# Background

The CSS property to change the background color of an element to YUV 124.8730, -41.3494, -37.5996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 163, 41) }
```

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

```
.background{ background-color: rgb(82, 163,  
41) }
```

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**