

# Converting Colors

YUV(63.1170, -10.9037, -2.7336)

Have a look what the booklet for  
YUV(63.1170, -10.9037, -2.7336)  
contains.

<b>YUV(63.1170, -10.9037, -2.7336)</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(63.1170, -10.9037,  
-2.7336)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C4529
RGB	60, 69, 41
RGB Percent	24%, 27%, 16%
CMY	0.7647, 0.7294, 0.8392
CMYK	0.13, 0.00, 0.41, 0.73
HSL	79°, 25%, 22%
HSV	79°, 41%, 27%
XYZ	4.3918, 5.3770, 2.9042
YIQ	63.1170, 3.6240, -10.6160

# Conversions

## Conversions Part 2

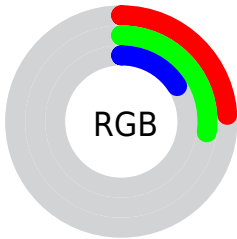
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 69, 50
Decimal	3949865
CIE <sub>Lab</sub>	27.78, -9.30, 15.73
CIE <sub>LCh</sub>	28, 18.274, 120.587
Yxy	5.3770, 0.3465, 0.4243
Android (android.graphics.Color)	4282139945 (0xFF3C4529)
YUV	63.1170, -10.9037, -2.7336
Hunter-Lab	23.1884, -6.7720, 8.8061

# Details

The YUV color **63.1170, -10.9037, -2.7336** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **46.8830, 10.9037, 2.7336**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.8890, -11.7773, -2.5337**, and **20.6440, -10.1775, -2.3188** is the 20% darker color. If you saturate the color by 10%, you get **61.7210, -13.6665, -3.2633**, and if you desaturate by 10%, it is **64.5130, -8.1409, -2.2039**.

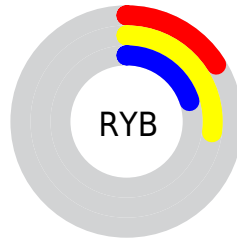
# Distribution



Red (24%)

Green (27%)

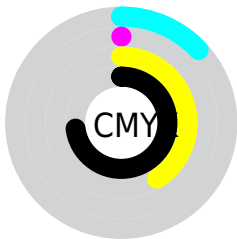
Blue (16%)



Red (16%)

Yellow (27%)

Blue (20%)

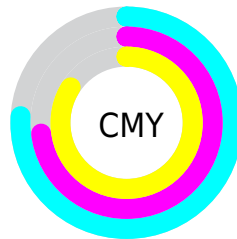


Cyan (13%)

Magenta (0%)

Yellow (41%)

Black (73%)



Cyan (76%)

Magenta (73%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 63.1170, -10.9037, -2.7336 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 63.1170, -10.9037, -2.7336 by changing the saturation by 10% instead.



■ 63.1170, -10.9037,  
-2.7336

■ 63.1170, -10.9037,  
-2.7336

255.0000, 0.0000,  
0.0000

■ 41.2310, -10.4669,  
-2.8336

■ 110.8890,  
-11.7773, -2.5337

■ 20.6440, -10.1775,  
-2.3188

■ 136.3620,  
-12.5035, -2.9485

■ 0.0000, 0.0000,  
0.0000

■ 162.6610,  
-12.6509, -2.3337

■ 189.5470,  
-13.0877, -2.2337

■ 217.1340,  
-13.3771, -2.7485

■ 246.0200,

-13.8139, -2.6485

253.9740, -3.9312,  
0.8998

63.1170, -10.9037,  
-2.7336

63.1170, -10.9037,  
-2.7336

61.7210, -13.6665,  
-3.2633

64.5130, -8.1409,  
-2.2039

60.3250, -16.4292,  
-3.7930

65.9090, -5.3781,  
-1.6742

58.6300, -19.0446,  
-4.9375

67.6040, -2.7628,  
-0.5297

57.2340, -21.8074,  
-5.4672

69.0000, 0.0000,  
0.0000

55.9520, -24.1333,  
-6.0969

70.3960, 2.7628,  
0.5297

■ 54.5560, -26.8961,  
-6.6266

■ 71.6780, 5.0887,  
1.1594

■ 73.3730, 7.7041,  
2.3039

■ 74.7690, 10.4669,  
2.8336

■ 76.1650, 13.2297,  
3.3633

# Harmonies

## Analogous

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



64.7980, -13.7044, 8.9472



63.1170, -10.9037, -2.7336



60.9350, -4.8980, -15.7290

# Triad

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



63.1170, -10.9037, -2.7336



58.8140, 15.3747, -31.4089



67.3170, -0.6493, 21.6470

# Complementary

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



63.1170, -10.9037, -2.7336



46.8830, 10.9037, 2.7336

# 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.



67.6950, 6.0664, 14.2995



63.1170, -10.9037, -2.7336



63.6850, 14.4523, -15.5097

# Square

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



63.1170, -10.9037, -2.7336



55.4450, 11.6126, -38.1013



66.9860, 11.3459, 0.8893



66.6070, -7.2013, 23.1467



# Rectangle

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



63.1170, -10.9037, -2.7336



59.0740, 0.9495, -24.6209



66.9860, 11.3459, 0.8893



67.2890, 1.8295, 19.9175

# Sweetspot

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



63.1170, -10.9037, -2.7336



86.9630, -3.9258, -0.8446



54.6550, -6.7319, 12.5806



44.6040, -2.7628, -0.5297



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000



# Same Dimension

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



63.1170, -10.9037, -2.7336



79.9120, -16.7186, -4.3078



58.9310, -8.8400, -11.3405



35.2450, -1.5998, -0.2149



78.1460, -38.5260, -9.7750



179.2950, -88.3924, -22.1837



# Inverse Universe

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



46.8830, 10.9037, 2.7336



55.0880, 16.7186, 4.3078



51.0690, 8.8400, 11.3405



32.7550, 1.5998, 0.2149



20.8540, 38.5260, 9.7750



47.7050, 88.3924, 22.1837



# Previews

## White Background



This preview shows how the YUV color 63.1170, -10.9037, -2.7336 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

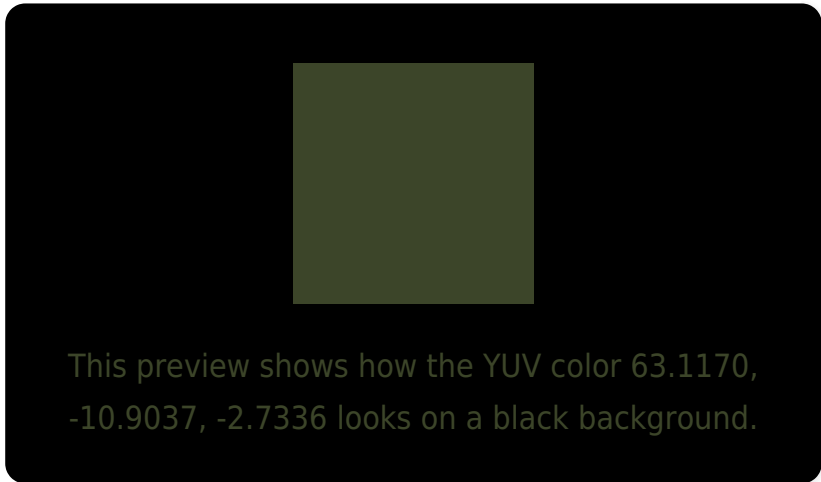
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## 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

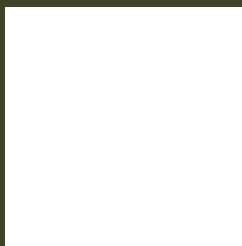
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 63.1170, -10.9037, -2.7336

## Background



This preview shows how black text looks on a background with the YUV color 63.1170, -10.9037, -2.7336.



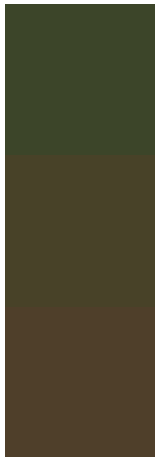
This preview shows how white text looks on a background with the YUV color 63.1170, -10.9037, -2.7336.

-2.7336.

# 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

63.1170, -10.9037, -2.7336

### Protanopia

64.8300, -12.2412, 6.2881

### Deuteranopia

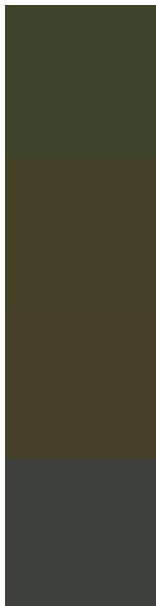
65.3900, -11.5313, 11.9360



## Tritanopia

65.3850, 2.7682, -1.2146

# Trichromacy



## Original Color

63.1170, -10.9037, -2.7336

## Protanomaly

64.2210, -11.9410, 3.3142

## Deuteranomaly

64.4710, -11.0782, 6.6029

## Tritanomaly

64.4190, -2.1786, -1.2445

# Monochromacy



## Original Color

63.1170, -10.9037, -2.7336

## Achromatopsia

63.0000, 0.0000, 0.0000

## Achromatomaly

62.9630, -3.9258, -0.8446

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 63.1170, -10.9037, -2.7336 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(60, 69, 41)` looks like.

```
.text, #text, p{  
    color:rgb(60, 69, 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(60, 69, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 69, 41) }
```

## Border

The CSS property to change the border of an element to YUV 63.1170, -10.9037, -2.7336 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(60, 69, 41) }
```



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

```
.border{ border-color:rgb(60, 69, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 69, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 69, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 69, 41);  
box-shadow:4px 4px 4px 4px rgb(60, 69, 41)  
}
```

# Background

The CSS property to change the background color of an element to YUV 63.1170, -10.9037, -2.7336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 69, 41) }
```

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

```
.background{ background-color: rgb(60, 69,  
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