

# Converting Colors

YUV(63.3190, -10.5103,  
11.1212)

Have a look what the booklet for  
YUV(63.3190, -10.5103, 11.1212)  
contains.

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# Color

**YUV(63.3190, -10.5103,  
11.1212)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C3D2A
RGB	76, 61, 42
RGB Percent	30%, 24%, 16%
CMY	0.7020, 0.7608, 0.8353
CMYK	0.00, 0.20, 0.45, 0.70
HSL	34°, 29%, 23%
HSV	34°, 45%, 30%
XYZ	5.0672, 5.0412, 2.8965
YIQ	63.3190, 15.0390, -2.7290

# Conversions

## Conversions Part 2

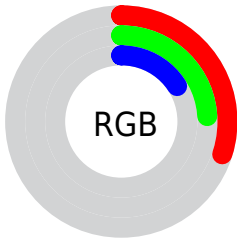
Format	Color
<b>RYB</b>	69, 76, 42
Decimal	4996394
CIELab	26.85, 3.48, 14.18
CIElCh	27, 14.599, 76.223
Yxy	5.0412, 0.3896, 0.3876
Android (android.graphics.Color)	4283186474 (0xFF4C3D2A)
YUV	63.3190, -10.5103, 11.1212
Hunter-Lab	22.4525, 0.9925, 8.0681

# Details

The YUV color **63.3190, -10.5103, 11.1212** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **54.6810, 10.5103, -11.1212**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.1020, -11.3893, 13.0655**, and **20.7210, -10.2155, 9.8917** is the 20% darker color. If you saturate the color by 10%, you get **60.6460, -13.1365, 13.4655**, and if you desaturate by 10%, it is **65.9920, -7.8841, 8.7770**.

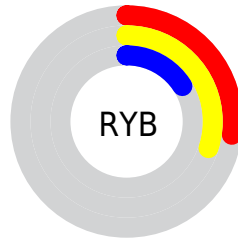
# Distribution



 Red (30%)

 Green (24%)

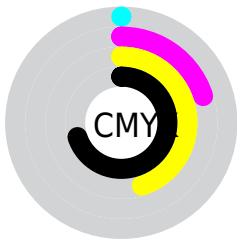
 Blue (16%)



 Red (27%)

 Yellow (30%)

 Blue (16%)

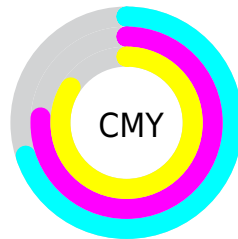


 Cyan (0%)

 Magenta (20%)

 Yellow (45%)

 Black (70%)



 Cyan (70%)

 Magenta (76%)

 Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 63.3190, -10.5103, 11.1212 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 63.3190, -10.5103, 11.1212 by changing the saturation by 10% instead.



■ 63.3190, -10.5103,  
11.1212

■ 63.3190, -10.5103,  
11.1212

255.0000, 0.0000,  
0.0000

■ 41.1340, -9.9261,  
10.4065

■ 111.1020,  
-11.3893, 13.0655

■ 20.7210, -10.2155,  
9.8917

■ 136.8740,  
-12.2629, 13.2655

■ 0.0000, 0.0000,  
0.0000

■ 163.0590,  
-12.8471, 13.9803

■ 190.3580,  
-12.9945, 14.5950

■ 217.6570,  
-13.1419, 15.2098

■ 243.8520,

-12.2520, 9.7768

254.0880, -3.4944,  
0.7998

63.3190, -10.5103,  
11.1212

63.3190, -10.5103,  
11.1212

60.6460, -13.1365,  
13.4655

65.9920, -7.8841,  
8.7770

57.5000, -15.0365,  
16.2245

69.1380, -5.9840,  
6.0180

54.8270, -17.6627,  
18.5687

71.8110, -3.3578,  
3.6738

52.2680, -19.8521,  
20.8130

74.3700, -1.1684,  
1.4295

49.0080, -22.1889,  
23.6720

77.6300, 1.1684,  
-1.4295

■ 47.3780, -23.3574,  
25.1015

■ 80.3030, 3.7946,  
-3.7737

■ 82.8620, 5.9840,  
-6.0180

■ 86.1220, 8.3209,  
-8.8770

■ 88.6810, 10.5103,  
-11.1212

# Harmonies

## Analogous

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



63.7480, -7.7638, 16.8840



63.3190, -10.5103, 11.1212



62.3780, -10.0464, 2.2995

# Triad

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



63.3190, -10.5103, 11.1212



57.9260, 5.4595, -24.4911



65.4660, 6.6723, 6.6073

# Complementary

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



63.3190, -10.5103, 11.1212



54.6810, 10.5103, -11.1212

# 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.



63.4260, 10.6360, -4.7586



63.3190, -10.5103, 11.1212



58.4790, 10.1169, -24.9761

# Square

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



63.3190, -10.5103, 11.1212



59.0750, -0.5300, -16.7288



60.9900, 11.8369, -16.6542



65.2560, 1.8458, 14.6845



# Rectangle

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



63.3190, -10.5103, 11.1212



61.5020, -8.1355, -3.9483



60.9900, 11.8369, -16.6542



64.7860, 7.9935, 2.8187

# Sweetspot

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



63.3190, -10.5103, 11.1212



94.6970, -3.7946, 3.7737



53.8760, 1.5401, 19.4027



47.7400, -2.3368, 2.8590



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000



# Same Dimension

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



63.3190, -10.5103, 11.1212



79.4570, -16.4943, 17.1392



71.5260, -14.5563, 2.1697



36.9570, -1.4578, 0.9147



63.9570, -31.5308, 33.3637



143.9060, -70.9457, 75.5044



# Inverse Universe

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



54.6810, 10.5103, -11.1212



65.5430, 16.4943, -17.1392



46.4740, 14.5563, -2.1697



35.6300, 1.1684, -1.4295



38.0430, 31.5308, -33.3637



85.5070, 71.2350, -74.9896



# Previews

## White Background



This preview shows how the YUV color 63.3190, -10.5103, 11.1212 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

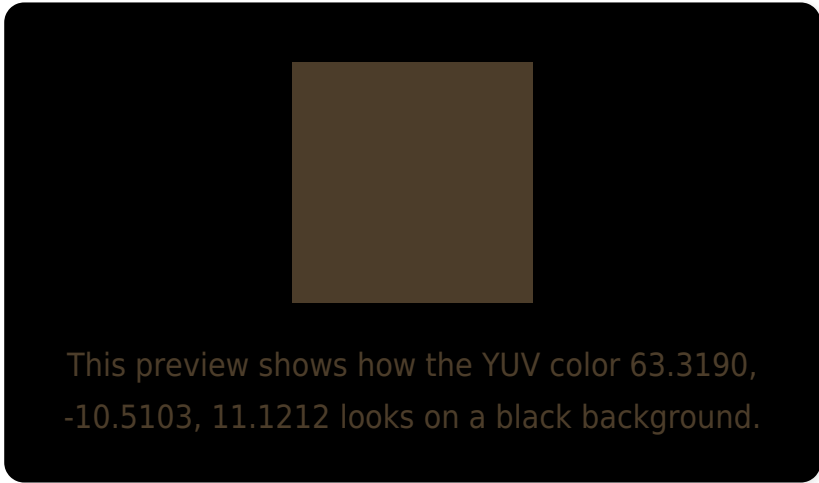
Any Text WCAG AA ✓ Pass

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

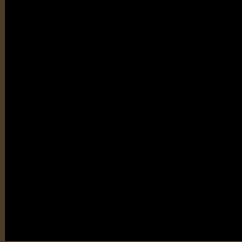
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 63.3190, -10.5103, 11.1212

## Background



This preview shows how black text looks on a background with the YUV color 63.3190, -10.5103, 11.1212.



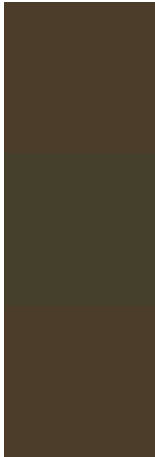
This preview shows how white text looks on a background with the YUV color 63.3190, -10.5103,



# 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

63.3190, -10.5103, 11.1212

### Protanopia

63.1010, -9.9098, 5.1734

### Deuteranopia

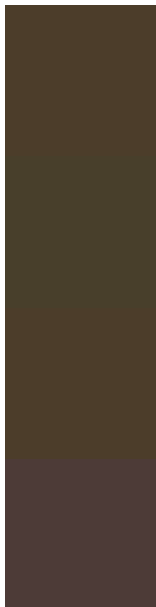
63.3190, -10.5103, 11.1212



## Tritanopia

64.5500, -0.7641, 11.7957

# Trichromacy



## Original Color

63.3190, -10.5103, 11.1212

## Protanomaly

63.4110, -10.0626, 7.5326

## Deuteranomaly

63.3190, -10.5103, 11.1212

## Tritanomaly

63.9260, -4.4005, 11.4659

# Monochromacy



## Original Color

63.3190, -10.5103, 11.1212

## Achromatopsia

63.0000, 0.0000, 0.0000

## Achromatomaly

62.9960, -3.9420, 4.3885

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 63.3190, -10.5103, 11.1212 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(76, 61, 42)` looks like.

```
.text, #text, p{  
    color:rgb(76, 61, 42)  
}
```

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(76, 61, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 61, 42) }
```

## Border

The CSS property to change the border of an element to YUV 63.3190, -10.5103, 11.1212 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(76, 61, 42) }
```



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

```
.border{ border-color:rgb(76, 61, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 61, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 61, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 61, 42);  
box-shadow:4px 4px 4px 4px rgb(76, 61, 42)  
}
```

# Background

The CSS property to change the background color of an element to YUV 63.3190, -10.5103, 11.1212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 61, 42) }
```

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

```
.background{ background-color: rgb(76, 61,  
42) }
```

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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