

# Converting Colors

YUV(104.4950, -37.7120,  
9.2129)

Have a look what the booklet for  
YUV(104.4950, -37.7120, 9.2129)  
contains.

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# Color

**YUV(104.4950, -37.7120,  
9.2129)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73721C
RGB	115, 114, 28
RGB Percent	45%, 45%, 11%
CMY	0.5490, 0.5529, 0.8902
CMYK	0.00, 0.01, 0.76, 0.55
HSL	59°, 61%, 28%
HSV	59°, 76%, 45%
XYZ	13.2971, 15.7633, 3.4404
YIQ	104.4950, 28.2020, -26.5340

# Conversions

## Conversions Part 2

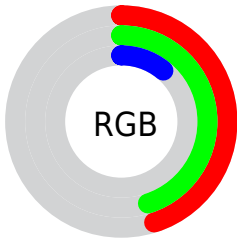
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	29, 115, 28
Decimal	7565852
CIE Lab	46.66, -10.53, 44.81
CIE LCh	47, 46.031, 103.228
Yxy	15.7633, 0.4091, 0.4850
Android (android.graphics.Color)	4285755932 (0xFF73721C)
YUV	104.4950, -37.7120, 9.2129
Hunter-Lab	39.7030, -9.6979, 22.6544

# Details

The YUV color **104.4950, -37.7120, 9.2129** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **38.5050, 37.7120, -9.2129**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.9790, -38.4436, 10.5424**, and **57.8780, -28.5339, 5.3690** is the 20% darker color. If you saturate the color by 10%, you get **103.2410, -42.5168, 10.3126**, and if you desaturate by 10%, it is **105.8630, -32.4705, 8.0131**.

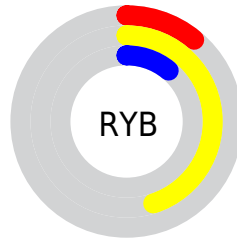
# Distribution



Red (45%)

Green (45%)

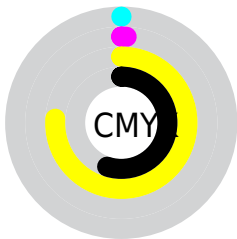
Blue (11%)



Red (11%)

Yellow (45%)

Blue (11%)

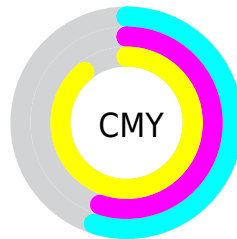


Cyan (0%)

Magenta (1%)

Yellow (76%)

Black (55%)



Cyan (55%)

Magenta (55%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.4950, -37.7120, 9.2129 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 104.4950, -37.7120, 9.2129 by changing the saturation by 10% instead.



■ 104.4950,  
-37.7120, 9.2129

■ 104.4950,  
-37.7120, 9.2129

■ 255.0000, 0.0000,  
0.0000

■ 79.4410, -39.1644,  
8.3832

■ 156.9790,  
-38.4436, 10.5424

■ 57.8780, -28.5339,  
5.3690

■ 184.3490,  
-39.6121, 11.9719

■ 37.4890, -18.4821,  
1.3251

■ 212.1210,  
-40.4857, 12.1719

■ 17.6650, -8.7088,  
-6.7222

■ 240.3060,  
-41.0699, 12.8866

■ 0.0000, 0.0000,  
0.0000

■ 247.0200,  
-30.5759, 6.9985

■ 250.2120,

-18.3455, 4.1991

253.5180, -5.6784,  
1.2997

104.4950,  
-37.7120, 9.2129

104.4950,  
-37.7120, 9.2129

103.2410,  
-42.5168, 10.3126

105.8630,  
-32.4705, 8.0131

101.8730,  
-47.7584, 11.5124

107.1170,  
-27.6657, 6.9134

101.3030,  
-49.9424, 12.0123

108.4850,  
-22.4241, 5.7137

110.3260,  
-17.9087, 4.0991

111.6940,  
-12.6671, 2.8994

■ 112.9480, -7.8624,  
1.7996

■ 114.3160, -2.6208,  
0.5999

■ 115.5700, 2.1840,  
-0.4999

■ 116.9380, 7.4256,  
-1.6996

# Harmonies

## Analogous

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



107.6000, -36.7778, 36.3078



104.4950, -37.7120, 9.2129



99.5430, -23.9317, -24.1552

# Triad

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



104.4950, -37.7120, 9.2129



93.1310, 34.4454, -81.6759



112.4790, 10.6099, 50.4459

# Complementary

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



104.4950, -37.7120, 9.2129



38.5050, 37.7120, -9.2129

# 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.



113.9940, 26.1320, 18.4223



104.4950, -37.7120, 9.2129



92.0030, 45.3545, -80.6866

# Square

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



104.4950, -37.7120, 9.2129



90.2010, 18.1419, -79.1063



105.8180, 39.5297, -32.2894



108.9740, -6.8892, 63.1668



# Rectangle

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



104.4950, -37.7120, 9.2129



89.8620, -7.8200, -58.6380



105.8180, 39.5297, -32.2894



113.5040, 16.0205, 41.6540

# Sweetspot

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



104.4950, -37.7120, 9.2129



146.1240, -14.8511, 3.3993



54.1270, -12.3876, 53.3856



73.9050, -9.3202, 2.7143



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



104.4950, -37.7120, 9.2129



133.9090, -59.1151, 14.1118



92.5240, -31.8103, -17.1225



58.3160, -2.6208, 0.5999



107.5050, -53.0000, 12.7121



219.7390, -108.3313, 26.5389



# Inverse Universe

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



38.5050, 37.7120, -9.2129



30.0910, 59.1151, -14.1118



50.4760, 31.8103, 17.1225



53.6840, 2.6208, -0.5999



14.4950, 53.0000, -12.7121



30.2610, 108.3313, -26.5389



# Previews

## White Background



This preview shows how the YUV color 104.4950, -37.7120, 9.2129 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



This preview shows how the YUV color 104.4950, -37.7120, 9.2129 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

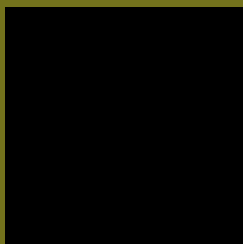
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 104.4950, -37.7120, 9.2129

## Background



This preview shows how black text looks on a background with the YUV color 104.4950, -37.7120, 9.2129.



This preview shows how white text looks on a background with the YUV color 104.4950, -37.7120, 9.2129.



# 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

104.4950, -37.7120, 9.2129

### Protanopia

105.3110, -38.6073, 16.3903

### Deuteranopia

106.8440, -36.8981, 28.2008



## Tritanopia

111.8100, 1.5727, 8.9366

# Trichromacy



## Original Color

104.4950, -37.7120, 9.2129

## Protanomaly

105.0010, -38.4545, 14.0311

## Deuteranomaly

105.8000, -36.8764, 21.2234

## Tritanomaly

109.0260, -12.8308, 8.7472

# Monochromacy



## Original Color

104.4950, -37.7120, 9.2129

## Achromatopsia

104.0000, 0.0000, 0.0000

## Achromatomaly

104.3520, -13.9775, 3.1993

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.4950, -37.7120, 9.2129 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(115, 114, 28)` looks like.

```
.text, #text, p{  
    color:rgb(115, 114, 28)  
}
```

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(115, 114, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 114, 28) }
```

## Border

The CSS property to change the border of an element to YUV 104.4950, -37.7120, 9.2129 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(115, 114, 28) }
```



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

```
.border{ border-color:rgb(115, 114, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 114, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 114, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 114, 28);  
box-shadow:4px 4px 4px 4px rgb(115, 114,  
28) }
```

# Background

The CSS property to change the background color of an element to YUV 104.4950, -37.7120, 9.2129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 114, 28) }
```

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

```
.background{ background-color: rgb(115,  
114, 28) }
```

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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