

# Converting Colors

YUV(123.3070, -18.8854,  
37.4418)

Have a look what the booklet for  
YUV(123.3070, -18.8854, 37.4418)  
contains.

<b>YUV(123.3070, -18.8854, 37.4418)</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(123.3070, -18.8854,  
37.4418)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A66D55
RGB	166, 109, 85
RGB Percent	65%, 43%, 33%
CMY	0.3490, 0.5725, 0.6667
CMYK	0.00, 0.34, 0.49, 0.35
HSL	18°, 32%, 49%
HSV	18°, 49%, 65%
XYZ	22.8342, 19.7001, 11.1933
YIQ	123.3070, 41.6760, 4.6200

# Conversions

## Conversions Part 2

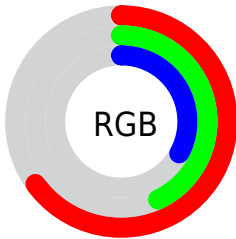
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 119, 85
Decimal	10906965
CIELab	51.50, 19.89, 22.68
CIElCh	51, 30.171, 48.747
Yxy	19.7001, 0.4250, 0.3667
Android (android.graphics.Color)	4289097045 (0xFFA66D55)
YUV	123.3070, -18.8854, 37.4418
Hunter-Lab	44.3848, 14.1576, 16.1171

# Details

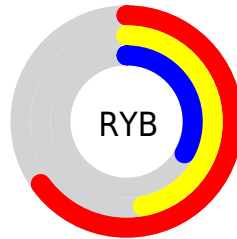
The YUV color **123.3070, -18.8854, 37.4418** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **127.6930, 18.8854, -37.4418**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5740, -20.4960, 40.7156**, and **73.4420, -16.9799, 32.9384** is the 20% darker color. If you saturate the color by 10%, you get **114.3250, -22.8382, 45.3190**, and if you desaturate by 10%, it is **132.2890, -14.9325, 29.5645**.

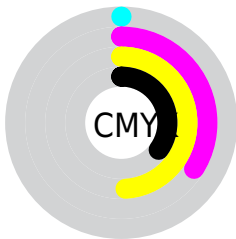
# Distribution



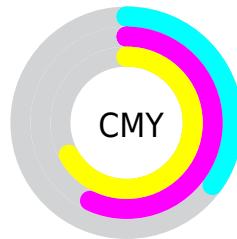
- Red (65%)
- Green (43%)
- Blue (33%)



- Red (65%)
- Yellow (47%)
- Blue (33%)



- Cyan (0%)
- Magenta (34%)
- Yellow (49%)
- Black (35%)



- Cyan (35%)
- Magenta (57%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 123.3070, -18.8854, 37.4418 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 123.3070, -18.8854, 37.4418 by changing the saturation by 10% instead.



■ 123.3070,  
-18.8854, 37.4418

■ 123.3070,  
-18.8854, 37.4418

■ 255.0000, 0.0000,  
0.0000

■ 97.6380, -17.5695,  
35.3975

■ 176.5740,  
-20.4960, 40.7156

■ 73.4420, -16.9799,  
32.9384

■ 204.3570,  
-21.3750, 42.6599

■ 49.7730, -15.6641,  
30.8941

■ 224.4690,  
-17.9792, 26.7757

■ 27.9190, -13.7641,  
28.1350

■ 244.0970,  
-13.8518, 9.5619

■ 11.0630, -5.4541,  
22.7467

■ 253.8600, -4.3680,  
0.9998

■ 0.0000, 0.0000,  
0.0000

■ 123.3070,  
-18.8854, 37.4418

■ 123.3070,  
-18.8854, 37.4418

■ 114.3250,  
-22.8382, 45.3190

■ 132.2890,  
-14.9325, 29.5645

■ 106.0440,  
-26.6437, 52.5814

■ 140.5700,  
-11.1270, 22.3021

■ 97.0620, -30.5966,  
60.4586

■ 149.5520, -7.1741,  
14.4249

■ 88.1940, -34.1126,  
68.2359

■ 158.4200, -3.6581,  
6.6477

■ 79.7990, -38.3549,  
75.5983

■ 166.8150, 0.5842,  
-0.7148

■ 78.3970, -38.6497,  
76.8278

■ 175.7970, 4.5371,  
-8.5920

■ 184.6650, 8.0532,  
-16.3692

■ 193.0600, 12.2954,

-23.7316

■ 201.9280, 15.8115,  
-31.5089

# Harmonies

## Analogous

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



124.3860, -8.5713, 42.6345



123.3070, -18.8854, 37.4418



121.7260, -24.5149, 23.0423

# Triad

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



123.3070, -18.8854, 37.4418



110.5400, 0.7198, -44.3236



123.1230, 23.6034, -10.6319

# Complementary

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



123.3070, -18.8854, 37.4418



127.6930, 18.8854, -37.4418

# 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.



114.8910, 28.6477, -42.0004



123.3070, -18.8854, 37.4418



100.9460, 18.2676, -72.7436

# Square

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



123.3070, -18.8854, 37.4418



115.6220, -13.6176, -18.9625



101.7960, 29.1876, -75.2431



126.1220, 15.2229, 17.4330



# Rectangle

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



123.3070, -18.8854, 37.4418



120.3500, -24.3295, 10.2171



101.7960, 29.1876, -75.2431



121.2250, 25.5251, -20.3683

# Sweetspot

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



123.3070, -18.8854, 37.4418



199.7370, -7.7583, 15.1397



115.8310, 13.3943, 43.9982



99.5020, -4.6845, 9.2067



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



123.3070, -18.8854, 37.4418



149.5780, -29.8650, 59.1291



146.2000, -30.1716, 17.3646



79.5660, -1.7580, 3.8886



70.0800, -34.5494, 68.3358



9.5020, -4.6845, 9.2067



# Inverse Universe

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



127.6930, 18.8854, -37.4418



156.4220, 29.8650, -59.1291



104.8000, 30.1716, -17.3646



80.4340, 1.7580, -3.8886



77.9200, 34.5494, -68.3358



10.4980, 4.6845, -9.2067



# Previews

## White Background



This preview shows how the YUV color 123.3070, -18.8854, 37.4418 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 123.3070, -18.8854, 37.4418 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

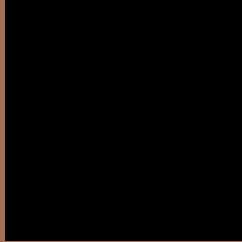
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 123.3070, -18.8854, 37.4418

## Background



This preview shows how black text looks on a background with the YUV color 123.3070, -18.8854, 37.4418.



This preview shows how white text looks on a background with the YUV color 123.3070, -18.8854,



# 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

123.3070, -18.8854, 37.4418

### Protanopia

122.0430, -15.3042, 8.7323

### Deuteranopia

122.6810, -19.5627, 21.3278



## Tritanopia

124.7490, -5.7923, 37.9311

# Trichromacy



## Original Color

123.3070, -18.8854, 37.4418

## Protanomaly

122.4680, -16.4997, 18.8836

## Deuteranomaly

123.1270, -19.2896, 27.0756

## Tritanomaly

123.8970, -10.3022, 37.8013

# Monochromacy



## Original Color

123.3070, -18.8854, 37.4418

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

123.2530, -7.0267, 13.8101

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.3070, -18.8854, 37.4418 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(166, 109, 85)` looks like.

```
.text, #text, p{  
    color:rgb(166, 109, 85)  
}
```

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(166, 109, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 109, 85) }
```

## Border

The CSS property to change the border of an element to YUV 123.3070, -18.8854, 37.4418 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(166, 109, 85) }
```



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

```
.border{ border-color:rgb(166, 109, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 109, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 109, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 109, 85);  
box-shadow:4px 4px 4px 4px rgb(166, 109,  
85) }
```

# Background

The CSS property to change the background color of an element to YUV 123.3070, -18.8854, 37.4418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 109, 85) }
```

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

```
.background{ background-color: rgb(166,  
109, 85) }
```

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