

# Converting Colors

YUV(123.8270, -14.2117,  
31.7237)

Have a look what the booklet for  
YUV(123.8270, -14.2117, 31.7237)  
contains.

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# Color

**YUV(123.8270, -14.2117,  
31.7237)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A06F5F
RGB	160, 111, 95
RGB Percent	63%, 44%, 37%
CMY	0.3725, 0.5647, 0.6275
CMYK	0.00, 0.31, 0.41, 0.37
HSL	15°, 25%, 50%
HSV	15°, 41%, 63%
XYZ	22.2472, 19.6687, 13.4504
YIQ	123.8270, 34.3400, 5.4120

# Conversions

## Conversions Part 2

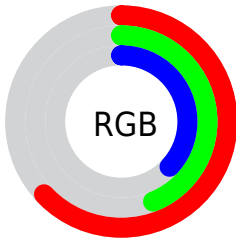
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 116, 95
Decimal	10514271
CIE Lab	51.46, 17.36, 16.70
CIE LCh	51, 24.094, 43.894
Yxy	19.6687, 0.4018, 0.3552
Android (android.graphics.Color)	4288704351 (0xFFA06F5F)
YUV	123.8270, -14.2117, 31.7237
Hunter-Lab	44.3494, 11.9304, 13.0630

# Details

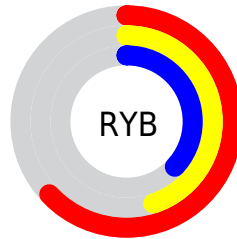
The YUV color **123.8270, -14.2117, 31.7237** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **131.1730, 14.2117, -31.7237**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9090, -15.2381, 34.2828**, and **74.2610, -12.4537, 27.8351** is the 20% darker color. If you saturate the color by 10%, you get **114.9590, -17.7278, 39.5010**, and if you desaturate by 10%, it is **132.6950, -10.6956, 23.9465**.

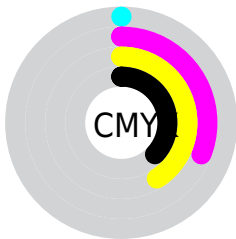
# Distribution



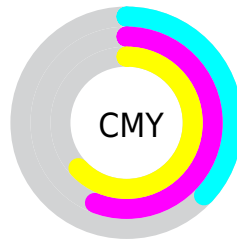
- Red (63%)
- Green (44%)
- Blue (37%)



- Red (63%)
- Yellow (45%)
- Blue (37%)



- Cyan (0%)
- Magenta (31%)
- Yellow (41%)
- Black (37%)



- Cyan (37%)
- Magenta (56%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 123.8270, -14.2117, 31.7237 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 123.8270, -14.2117, 31.7237 by changing the saturation by 10% instead.



■ 123.8270,  
-14.2117, 31.7237

■ 123.8270,  
-14.2117, 31.7237

■ 255.0000, 0.0000,  
0.0000

■ 98.3430, -13.4801,  
30.3942

■ 176.9090,  
-15.2381, 34.2828

■ 74.2610, -12.4537,  
27.8351

■ 204.3930,  
-15.9697, 35.6123

■ 50.8910, -11.2853,  
26.4056

■ 226.8970,  
-13.7532, 24.6463

■ 28.1250, -12.8796,  
24.4464

■ 247.1120, -9.9152,  
6.9178

■ 10.1660, -5.0118,  
20.9024

■ 0.0000, 0.0000,  
0.0000

■ 123.8270,  
-14.2117, 31.7237

■ 123.8270,  
-14.2117, 31.7237

■ 114.9590,  
-17.7278, 39.5010

■ 132.6950,  
-10.6956, 23.9465

■ 106.0910,  
-21.2439, 47.2782

■ 141.5630, -7.1796,  
16.1692

■ 97.2230, -24.7599,  
55.0554

■ 150.4310, -3.6635,  
8.3920

■ 88.3550, -28.2760,  
62.8327

■ 159.2990, -0.1474,  
0.6148

■ 79.4870, -31.7921,  
70.6099

■ 168.1670, 3.3687,  
-7.1625

■ 70.7330, -34.8714,  
78.2872

■ 177.0350, 6.8847,  
-14.9397

■ 185.9030, 10.4008,  
-22.7169

■ 194.7710, 13.9169,

-30.4942

■ 204.2260, 17.1436,  
-38.7862

# Harmonies

## Analogous

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



124.8410, -5.3446, 34.3424



123.8270, -14.2117, 31.7237



122.6810, -19.5627, 21.3278

# Triad

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



123.8270, -14.2117, 31.7237



114.6450, -1.7970, -30.3837



122.3850, 19.5302, -10.8616

# Complementary

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



123.8270, -14.2117, 31.7237



131.1730, 14.2117, -31.7237

# 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.



117.2250, 22.0741, -33.5233



123.8270, -14.2117, 31.7237



111.6460, 10.0345, -45.2935

# Square

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



123.8270, -14.2117, 31.7237



117.8940, -12.7657, -12.1850



111.6270, 18.9179, -47.9079



125.2090, 13.2080, 10.3407



# Rectangle

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



123.8270, -14.2117, 31.7237



120.9140, -19.6776, 11.4764



111.6270, 18.9179, -47.9079



121.2700, 20.5729, -18.6538

# Sweetspot

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



123.8270, -14.2117, 31.7237



194.9970, -5.4215, 12.2806



120.1350, 12.2584, 34.9616



96.8330, -3.3687, 7.1625



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



123.8270, -14.2117, 31.7237



152.1730, -22.2703, 49.8373



142.6110, -23.4722, 15.2502



74.5660, -1.7580, 3.8886



63.3020, -31.2079, 69.8951



6.8330, -3.3687, 7.1625



# Inverse Universe

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



131.1730, 14.2117, -31.7237



163.8270, 22.2703, -49.8373



112.3890, 23.4722, -15.2502



75.4340, 1.7580, -3.8886



79.6980, 31.2079, -69.8951



8.7540, 3.0793, -7.6773



# Previews

## White Background



This preview shows how the YUV color 123.8270, -14.2117, 31.7237 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

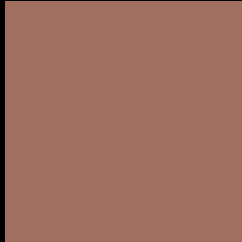
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 123.8270, -14.2117, 31.7237 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 123.8270, -14.2117, 31.7237

## Background



This preview shows how black text looks on a background with the YUV color 123.8270, -14.2117, 31.7237.



This preview shows how white text looks on a background with the YUV color 123.8270, -14.2117, 31.7237.



# 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

123.8270, -14.2117, 31.7237

### Protanopia

122.4710, -11.0782, 6.6029

### Deuteranopia

123.3370, -14.4631, 18.9985



## Tritanopia

125.0580, -4.4656, 32.3981

# Trichromacy



## Original Color

123.8270, -14.2117, 31.7237

## Protanomaly

123.1840, -12.4157, 15.6246

## Deuteranomaly

123.0710, -14.3320, 23.6167

## Tritanomaly

124.4340, -8.1020, 32.0684

# Monochromacy



## Original Color

123.8270, -14.2117, 31.7237

## Achromatopsia

124.0000, 0.0000, 0.0000

## Achromatomaly

123.6980, -5.2741, 11.6659

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.8270, -14.2117, 31.7237 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(160, 111, 95)` looks like.

```
.text, #text, p{  
    color:rgb(160, 111, 95)  
}
```

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(160, 111, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 111, 95) }
```

## Border

The CSS property to change the border of an element to YUV 123.8270, -14.2117, 31.7237 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(160, 111, 95) }
```



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

```
.border{ border-color:rgb(160, 111, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 111, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 111, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 111, 95);  
box-shadow:4px 4px 4px 4px rgb(160, 111,  
95) }
```

# Background

The CSS property to change the background color of an element to YUV 123.8270, -14.2117, 31.7237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 111, 95) }
```

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

```
.background{ background-color: rgb(160,  
111, 95) }
```

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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