

# Converting Colors

YUV(107.4870, 1.7319, 51.3159)

Have a look what the booklet for  
YUV(107.4870, 1.7319, 51.3159)  
contains.

<b>YUV(107.4870, 1.7319, 51.3159)</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(107.4870, 1.7319,  
51.3159)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A64D6F
RGB	166, 77, 111
RGB Percent	65%, 30%, 44%
CMY	0.3490, 0.6980, 0.5647
CMYK	0.00, 0.54, 0.33, 0.35
HSL	337°, 37%, 48%
HSV	337°, 54%, 65%
XYZ	21.2490, 14.5624, 16.7298
YIQ	107.4870, 42.1300, 29.4420

# Conversions

## Conversions Part 2

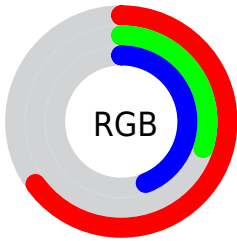
<b>Format</b>	<b>Color</b>
<b>RYB</b>	166, 77, 111
Decimal	10898799
CIELab	45.03, 40.41, -1.90
CIELCh	45, 40.450, 357.310
Yxy	14.5624, 0.4044, 0.2772
Android (android.graphics.Color)	4289088879 (0xFFA64D6F)
YUV	107.4870, 1.7319, 51.3159
Hunter-Lab	38.1608, 32.6125, 0.7196

# Details

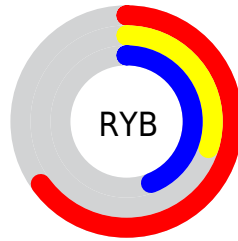
The YUV color **107.4870, 1.7319, 51.3159** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **135.5130, -1.7319, -51.3159**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9820, 0.9949, 54.3898**, and **55.0460, 3.9213, 49.0717** is the 20% darker color. If you saturate the color by 10%, you get **96.3680, 2.2836, 61.0673**, and if you desaturate by 10%, it is **118.6060, 1.1802, 41.5645**.

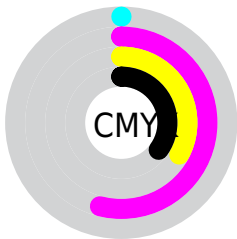
# Distribution



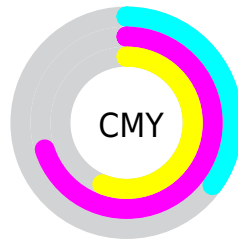
- Red (65%)
- Green (30%)
- Blue (44%)



- Red (65%)
- Yellow (30%)
- Blue (44%)



- Cyan (0%)
- Magenta (54%)
- Yellow (33%)
- Black (35%)




- Cyan (35%)
- Magenta (70%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 107.4870, 1.7319, 51.3159 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 107.4870, 1.7319, 51.3159 by changing the saturation by 10% instead.




 107.4870, 1.7319,  
51.3159

 107.4870, 1.7319,  
51.3159

255.0000, 0.0000,  
0.0000

 81.7040, 2.6109,  
49.3716


 160.9820, 0.9949,  
54.3898

 55.0460, 3.9213,  
49.0717


 188.8790, 0.5527,  
56.2341


 29.9040, 5.9633,  
47.4422

 208.4040, 4.2378,  
40.8647

 20.0350, 0.4757,  
34.1723

 228.7330, 8.5126,  
23.0362

 9.9810, -4.4276,  
20.1877

 246.1950, 4.3409,  
7.7220

 0.0000, 0.0000,  
0.0000

107.4870, 1.7319,  
51.3159

107.4870, 1.7319,  
51.3159

96.3680, 2.2836,  
61.0673

118.6060, 1.1802,  
41.5645

85.7220, 2.1091,  
70.4038

129.2520, 1.3548,  
32.2280

74.6030, 2.6607,  
80.1552

140.3710, 0.8031,  
22.4766

64.0710, 2.9230,  
89.3917

150.9030, 0.5408,  
13.2401

56.8160, 3.0487,  
95.7544

162.0220, -0.0108,  
3.4887

173.2550, -0.1257,  
-6.3626

183.7870, -0.3880,  
-15.5992

194.9060, -0.9397,

-25.3506

■ 205.4380, -1.2019,  
-34.5871

# Harmonies

## Analogous

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



109.5520, 16.4899, 31.0879



107.4870, 1.7319, 51.3159



106.0840, -13.8454, 54.3003

# Triad

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



107.4870, 1.7319, 51.3159



100.2250, -28.2119, -4.5823



88.4350, 36.7605, -77.5575

# Complementary

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



107.4870, 1.7319, 51.3159



135.5130, -1.7319, -51.3159

# 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.



87.7050, 23.8094, -76.9173



107.4870, 1.7319, 51.3159



93.5550, -12.1056, -37.3207

# Square

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



107.4870, 1.7319, 51.3159



103.4240, -33.2400, 21.5532



83.8290, 8.9583, -73.5180



90.0760, 41.3745, -64.0877



# Rectangle

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



107.4870, 1.7319, 51.3159



105.5210, -23.4279, 47.7781



83.8290, 8.9583, -73.5180



88.6970, 32.6874, -77.7873

# Sweetspot

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



107.4870, 1.7319, 51.3159



193.9470, 0.5191, 20.2175



103.5910, 30.7676, 24.9147



96.1910, 0.3988, 12.1105



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.



107.4870, 1.7319, 51.3159



125.6030, 2.6607, 80.1552



109.4810, -16.0131, 49.5672



78.7340, 0.1311, 4.6183



50.7500, 3.0813, 85.2883



6.8920, 0.5462, 11.4957



# Inverse Universe

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



107.4870, 1.7319, 51.3159



125.6030, 2.6607, 80.1552



133.5190, 16.0131, -49.5672



78.7340, 0.1311, 4.6183



50.7500, 3.0813, 85.2883

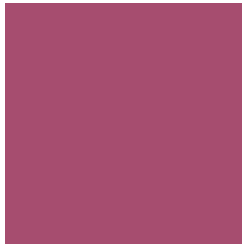


6.8920, 0.5462, 11.4957



# Previews

## White Background



This preview shows how the YUV color 107.4870, 1.7319, 51.3159 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

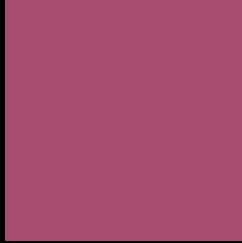
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 107.4870, 1.7319, 51.3159 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

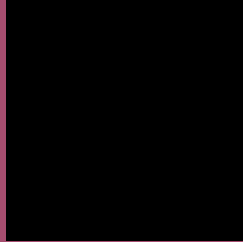
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 107.4870, 1.7319, 51.3159

## Background



This preview shows how black text looks on a background with the YUV color 107.4870, 1.7319, 51.3159.



This preview shows how white text looks on a background with the YUV color 107.4870, 1.7319,



# 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

107.4870, 1.7319, 51.3159

### Protanopia

107.4260, 10.6360, -4.7586

### Deuteranopia

108.5280, -0.7533, 8.3069



## Tritanopia

107.0880, -9.9034, 49.9118

# Trichromacy



## Original Color

107.4870, 1.7319, 51.3159

## Protanomaly

107.0480, 7.3713, 15.7439

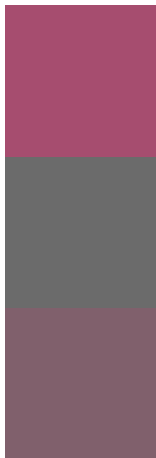
## Deuteranomaly

107.8550, 0.0715, 23.8062

## Tritanomaly

107.2390, -5.5408, 50.6564

# Monochromacy



## Original Color

107.4870, 1.7319, 51.3159

## Achromatopsia

107.0000, 0.0000, 0.0000

## Achromatomaly

106.9360, 0.5246, 18.4731

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.4870, 1.7319, 51.3159 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, 77, 111)` looks like.

```
.text, #text, p{  
    color:rgb(166, 77, 111)  
}
```

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, 77, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 77, 111) }
```

## Border

The CSS property to change the border of an element to YUV 107.4870, 1.7319, 51.3159 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, 77, 111) }
```



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

```
.border{ border-color:rgb(166, 77, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 77, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 77, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 77, 111);  
box-shadow:4px 4px 4px 4px rgb(166, 77,  
111) }
```

# Background

The CSS property to change the background color of an element to YUV 107.4870, 1.7319, 51.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 77, 111) }
```

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

```
.background{ background-color: rgb(166, 77,  
111) }
```

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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