

# Converting Colors

YUV(122.6370, 13.9830,  
-4.9436)

Have a look what the booklet for  
YUV(122.6370, 13.9830, -4.9436)  
contains.

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# Color

**YUV(122.6370, 13.9830,  
-4.9436)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	757897
RGB	117, 120, 151
RGB Percent	46%, 47%, 59%
CMY	0.5412, 0.5294, 0.4078
CMYK	0.23, 0.21, 0.00, 0.41
HSL	235°, 14%, 53%
HSV	235°, 23%, 59%
XYZ	19.6385, 19.4492, 31.9972
YIQ	122.6370, -11.7390, 9.0050

# Conversions

## Conversions Part 2

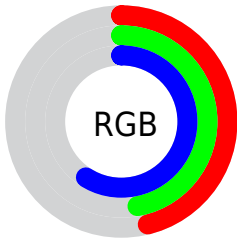
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 120, 151
Decimal	7698583
CIE Lab	51.21, 5.90, -17.09
CIE LCh	51, 18.081, 289.045
Yxy	19.4492, 0.2763, 0.2736
Android (android.graphics.Color)	4285888663 (0xFF757897)
YUV	122.6370, 13.9830, -4.9436
Hunter-Lab	44.1013, 2.3097, -12.1463

# Details

The YUV color **122.6370, 13.9830, -4.9436** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **145.3630, -13.9830, 4.9436**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1640, 14.7091, -4.5288**, and **73.9960, 12.8200, -5.2585** is the 20% darker color. If you saturate the color by 10%, you get **109.9340, 20.2455, -6.9581**, and if you desaturate by 10%, it is **135.3400, 7.7204, -2.9292**.

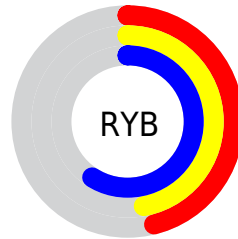
# Distribution



Red (46%)

Green (47%)

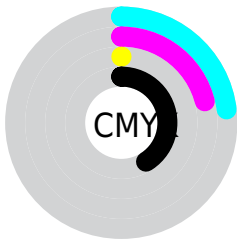
Blue (59%)



Red (46%)

Yellow (47%)

Blue (59%)

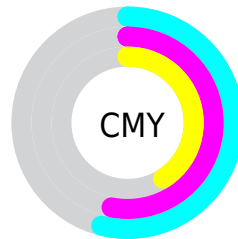


Cyan (23%)

Magenta (21%)

Yellow (0%)

Black (41%)



Cyan (54%)

Magenta (53%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.6370, 13.9830, -4.9436 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 122.6370, 13.9830, -4.9436 by changing the saturation by 10% instead.



■ 122.6370, 13.9830,  
-4.9436

■ 122.6370, 13.9830,  
-4.9436

■ 255.0000, 0.0000,  
0.0000

■ 97.5230, 13.5462,  
-4.8437

■ 175.1640, 14.7091,  
-4.5288

■ 73.9960, 12.8200,  
-5.2585

■ 202.2780, 15.1459,  
-4.6288

■ 50.8820, 12.3832,  
-5.1585

■ 230.1810, 12.2358,  
-4.5437

■ 29.3550, 11.6570,  
-5.5733

■ 254.7010, 0.1474,  
-0.6148

■ 4.8220, 13.3988,  
-4.2289

■ 0.5700, 2.1840,  
-0.4999

■ 0.0000, 0.0000,

0.0000

■ 122.6370, 13.9830,  
-4.9436

■ 122.6370, 13.9830,  
-4.9436

■ 109.9340, 20.2455,  
-6.9581

■ 135.3400, 7.7204,  
-2.9292

■ 97.2310, 26.5081,  
-8.9726

■ 148.0430, 1.4578,  
-0.9147

■ 85.1150, 32.4813,  
-11.5019

■ 160.1590, -4.5154,  
1.6146

■ 72.4120, 38.7439,  
-13.5163

■ 172.8620,  
-10.7780, 3.6290

■ 59.4100, 45.1539,  
-16.1456

■ 185.8640,  
-17.1880, 6.2583

■ 46.7070, 51.4164,  
-18.1600

■ 198.5670,  
-23.4505, 8.2727

■ 34.5910, 57.3896,  
-20.6893

■ 210.6830,  
-29.4237, 10.8020

■ 24.8450, 62.1944,  
-21.7891

■ 223.3860,  
-35.6863, 12.8165

■ 236.0890,  
-41.9489, 14.8309

# Harmonies

## Analogous

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



119.4070, 16.0683, -20.5279



122.6370, 13.9830, -4.9436



124.3570, 8.6980, 10.2109

# Triad

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



122.6370, 13.9830, -4.9436



123.0540, -11.8586, 23.6316



116.1450, -0.0715, -23.8062

# Complementary

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



122.6370, 13.9830, -4.9436



145.3630, -13.9830, 4.9436

# 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.



118.3440, -8.5506, -10.8257



122.6370, 13.9830, -4.9436



121.9020, -14.7417, 14.9949

# Square

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



122.6370, 13.9830, -4.9436



124.0850, -5.4649, 26.2355



120.1670, -13.3933, 2.4845



115.4520, 7.6652, -31.9684



# Rectangle

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



122.6370, 13.9830, -4.9436



124.5600, 4.1609, 18.8029



120.1670, -13.3933, 2.4845



116.9560, -3.4293, -20.1324

# Sweetspot

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



122.6370, 13.9830, -4.9436



185.0690, 5.3890, -1.8145



140.4920, 3.7014, -20.6025



92.4990, 3.2050, -1.3146



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



122.6370, 13.9830, -4.9436



151.9770, 21.7033, -7.8728



125.0620, 12.7874, 5.2076



70.4990, 3.2050, -1.3146



23.0040, 57.6790, -20.1745



2.0690, 5.3890, -1.8145



# Inverse Universe

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



127.5080, -3.7014, 20.6025



159.4170, -5.6286, 32.0833



142.9380, -12.7874, -5.2076



71.5060, -0.7425, 4.8182



43.2280, -15.3954, 84.8690

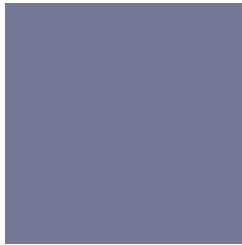


4.0010, -1.4795, 7.8921



# Previews

## White Background



This preview shows how the YUV color 122.6370, 13.9830, -4.9436 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 122.6370, 13.9830, -4.9436 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

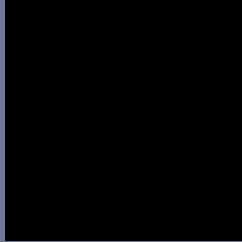
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 122.6370, 13.9830, -4.9436

## Background



This preview shows how black text looks on a background with the YUV color 122.6370, 13.9830, -4.9436.



This preview shows how white text looks on a background with the YUV color 122.6370, 13.9830, -4.9436.

-4.9436.

# 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

122.6370, 13.9830, -4.9436

### Protanopia

122.6260, 13.9884, -6.6880

### Deuteranopia

122.6480, 13.9775, -3.1993



## Tritanopia

121.4490, 5.6946, -6.5328

# Trichromacy



## Original Color

122.6370, 13.9830, -4.9436

## Protanomaly

122.9250, 13.8410, -6.0732

## Deuteranomaly

122.3490, 14.1249, -3.8141

## Tritanomaly

121.9590, 8.8942, -6.1030

# Monochromacy



## Original Color

122.6370, 13.9830, -4.9436

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

122.9550, 4.9522, -1.7145

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.6370, 13.9830, -4.9436 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(117, 120, 151)` looks like.

```
.text, #text, p{  
    color:rgb(117, 120, 151)  
}
```

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(117, 120, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 120, 151) }
```

## Border

The CSS property to change the border of an element to YUV 122.6370, 13.9830, -4.9436 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(117, 120, 151) }
```



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

```
.border{ border-color:rgb(117, 120, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 120, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 120, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 120, 151);  
box-shadow:4px 4px 4px 4px rgb(117, 120,  
151) }
```

# Background

The CSS property to change the background color of an element to YUV 122.6370, 13.9830, -4.9436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 120, 151) }
```

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

```
.background{ background-color: rgb(117,  
120, 151) }
```

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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