

# Converting Colors

YUV(129.0370, 7.3768, 13.9996)

Have a look what the booklet for  
YUV(129.0370, 7.3768, 13.9996)  
contains.

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# Color

**YUV(129.0370, 7.3768,  
13.9996)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	917690
RGB	145, 118, 144
RGB Percent	57%, 46%, 56%
CMY	0.4314, 0.5373, 0.4353
CMYK	0.00, 0.19, 0.01, 0.43
HSL	302°, 11%, 52%
HSV	302°, 19%, 57%
XYZ	23.1895, 20.9902, 29.2149
YIQ	129.0370, 7.7460, 13.8100

# Conversions

## Conversions Part 2

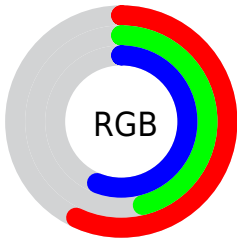
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	145, 118, 144
Decimal	9533072
CIE Lab	52.94, 15.28, -10.14
CIE LCh	53, 18.338, 326.443
Yxy	20.9902, 0.3160, 0.2860
Android (android.graphics.Color)	4287723152 (0xFF917690)
YUV	129.0370, 7.3768, 13.9996
Hunter-Lab	45.8151, 10.1722, -5.7368

# Details

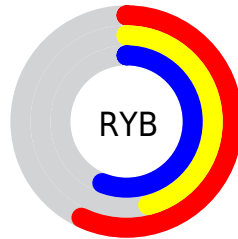
The YUV color **129.0370, 7.3768, 13.9996** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.9630, -7.3768, -13.9996**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.8630, 7.9555, 15.0291**, and **79.3250, 7.2348, 12.8700** is the 20% darker color. If you saturate the color by 10%, you get **120.7050, 10.9914, 21.3067**, and if you desaturate by 10%, it is **137.9560, 3.4727, 6.1776**.

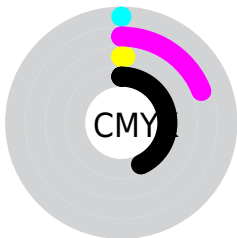
# Distribution



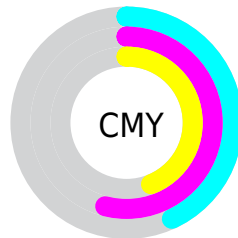
- Red (57%)
- Green (46%)
- Blue (56%)



- Red (57%)
- Yellow (46%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (43%)



- Cyan (43%)
- Magenta (54%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 129.0370, 7.3768, 13.9996 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 129.0370, 7.3768, 13.9996 by changing the saturation by 10% instead.





 129.0370, 7.3768,  
13.9996


 129.0370, 7.3768,  
13.9996

255.0000, 0.0000,  
0.0000


 103.6240, 7.0874,  
13.4848

 181.8630, 7.9555,  
15.0291

 79.3250, 7.2348,  
12.8700

 209.8630, 7.9555,  
15.0291

 56.4990, 6.6560,  
11.8404

 237.8630, 7.9555,  
15.0291

 35.0860, 6.3666,  
11.3256

254.4130, 0.2894,  
0.5148

 11.4500, 7.6662,  
14.5144

 0.0000, 0.0000,  
0.0000

129.0370, 7.3768,  
13.9996

129.0370, 7.3768,  
13.9996

120.7050, 10.9914,  
21.3067

137.9560, 3.4727,  
6.1776

111.9000, 15.3323,  
29.0287

146.1740, -0.5788,  
-1.0296

103.5680, 18.9470,  
36.3359

155.0930, -4.4828,  
-8.8516

94.7630, 23.2878,  
44.0578

163.3110, -8.5343,  
-16.0587

85.8440, 27.1919,  
51.8798

172.2300,  
-12.4384, -23.8807

77.6260, 31.2434,  
59.0870

180.4480,  
-16.4899, -31.0879

69.2940, 34.8581,  
66.3942

188.7800,  
-20.1045, -38.3951

60.4890, 39.1989,

197.5850,

74.1161

-24.4454, -46.1170

■ 59.3150, 39.7777,  
75.1457

■ 206.5040,  
-28.3495, -53.9390

# Harmonies

## Analogous

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



127.7300, 12.9511, -0.6402



129.0370, 7.3768, 13.9996



128.8550, 0.0715, 23.8062

# Triad

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



129.0370, 7.3768, 13.9996



126.0650, -15.3150, 12.2210



119.7230, 9.9966, -33.0831

# Complementary

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



129.0370, 7.3768, 13.9996



133.9630, -7.3768, -13.9996

# 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.



119.9920, 1.9759, -27.1800



129.0370, 7.3768, 13.9996



124.2590, -12.9457, -1.1041

# Square

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



129.0370, 7.3768, 13.9996



127.7010, -13.1636, 22.1872



121.8920, -6.3558, -14.8143



121.4120, 15.0799, -30.1793



# Rectangle

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



129.0370, 7.3768, 13.9996



128.4980, -5.1755, 26.7503



121.8920, -6.3558, -14.8143



119.4520, 7.6652, -31.9684

# Sweetspot

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



129.0370, 7.3768, 13.9996



181.8420, 3.0359, 6.2776



121.3770, 11.6461, -2.0846



90.4780, 1.7363, 3.0888



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



129.0370, 7.3768, 13.9996



164.1180, 11.2808, 21.8215



127.5550, 1.6984, 15.2993



66.8910, 2.0257, 3.6036



55.1850, 36.8838, 69.9978



3.1900, 1.8783, 4.2184



# Inverse Universe

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



129.0370, 7.3768, 13.9996



164.1180, 11.2808, 21.8215



135.4450, -1.6984, -15.2993



66.8910, 2.0257, 3.6036



55.1850, 36.8838, 69.9978



3.1900, 1.8783, 4.2184



# Previews

## White Background



This preview shows how the YUV color 129.0370, 7.3768, 13.9996 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

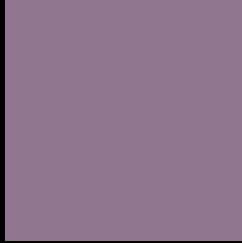
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 129.0370, 7.3768, 13.9996 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

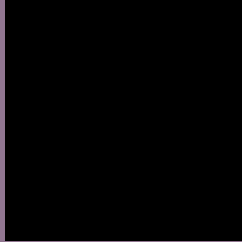
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 129.0370, 7.3768, 13.9996

## Background



This preview shows how black text looks on a background with the YUV color 129.0370, 7.3768, 13.9996.



This preview shows how white text looks on a background with the YUV color 129.0370, 7.3768,



# 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

129.0370, 7.3768, 13.9996

### Protanopia

126.8390, 10.9254, -4.2438

### Deuteranopia

127.6720, 7.5567, 2.9187



## Tritanopia

128.0170, 0.9776, 13.1401

# Trichromacy



## Original Color

129.0370, 7.3768, 13.9996

## Protanomaly

127.2420, 9.7407, 2.4188

## Deuteranomaly

127.9930, 7.3985, 7.0221

## Tritanomaly

128.2990, 3.3036, 13.7698

# Monochromacy



## Original Color

129.0370, 7.3768, 13.9996

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

129.0160, 2.4571, 5.2480

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 129.0370, 7.3768, 13.9996 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(145, 118, 144)` looks like.

```
.text, #text, p{  
    color:rgb(145, 118, 144)  
}
```

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(145, 118, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 118, 144) }
```

## Border

The CSS property to change the border of an element to YUV 129.0370, 7.3768, 13.9996 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(145, 118, 144) }
```



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

```
.border{ border-color:rgb(145, 118, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 118, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 118, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 118, 144);  
box-shadow:4px 4px 4px 4px rgb(145, 118,  
144) }
```

# Background

The CSS property to change the background color of an element to YUV 129.0370, 7.3768, 13.9996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 118, 144) }
```

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

```
.background{ background-color: rgb(145,  
118, 144) }
```

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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