

# Converting Colors

YUV(119.8630, 4.9975, 77.2961)

Have a look what the booklet for  
YUV(119.8630, 4.9975, 77.2961)  
contains.

<b>YUV(119.8630, 4.9975, 77.2961)</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(119.8630, 4.9975,  
77.2961)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D04982
RGB	208, 73, 130
RGB Percent	82%, 29%, 51%
CMY	0.1843, 0.7137, 0.4902
CMYK	0.00, 0.65, 0.38, 0.18
HSL	335°, 59%, 55%
HSV	335°, 65%, 82%
XYZ	32.4242, 19.7867, 23.2294
YIQ	119.8630, 62.1630, 46.3470

# Conversions

## Conversions Part 2

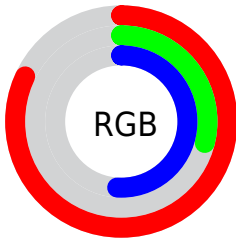
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 73, 130
Decimal	13650306
CIE <sub>Lab</sub>	51.60, 58.01, -2.96
CIE <sub>LCh</sub>	52, 58.083, 357.076
Yxy	19.7867, 0.4298, 0.2623
Android (android.graphics.Color)	4291840386 (0xFFD04982)
YUV	119.8630, 4.9975, 77.2961
Hunter-Lab	44.4822, 52.2693, 0.1753

# Details

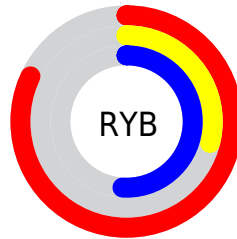
The YUV color **119.8630, 4.9975, 77.2961** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **161.1370, -4.9975, -77.2961**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8300, 5.0138, 72.0631**, and **53.7850, 13.4170, 83.5036** is the 20% darker color. If you saturate the color by 10%, you get **106.1680, 5.8332, 89.3067**, and if you desaturate by 10%, it is **133.5580, 4.1619, 65.2856**.

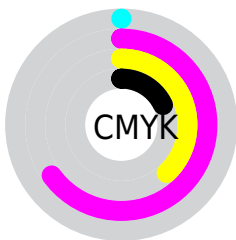
# Distribution



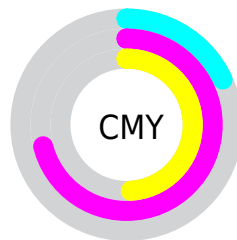
- Red (82%)
- Green (29%)
- Blue (51%)



- Red (82%)
- Yellow (29%)
- Blue (51%)



- Cyan (0%)
- Magenta (65%)
- Yellow (38%)
- Black (18%)




- Cyan (18%)
- Magenta (71%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 119.8630, 4.9975, 77.2961 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 119.8630, 4.9975, 77.2961 by changing the saturation by 10% instead.





 119.8630, 4.9975,  
77.2961

 119.8630, 4.9975,  
77.2961

255.0000, 0.0000,  
0.0000


 90.4330, 7.1815,  
76.7963

 172.8300, 5.0138,  
72.0631


 53.7850, 13.4170,  
83.5036


 192.3440, 8.7044,  
54.9493

 42.4920, 7.6454,  
67.9745


 212.6730, 12.9792,  
37.1208

 31.7260, 2.6001,  
52.8603

 230.9330, 11.8650,  
21.1068

 21.4440, -3.1769,  
39.0756

 248.5430, 3.1833,  
5.6628

 10.8780, -4.8699,  
22.0320

 0.0000, 0.0000,

0.0000

■ 119.8630, 4.9975,  
77.2961

■ 119.8630, 4.9975,  
77.2961

■ 106.1680, 5.8332,  
89.3067

■ 133.5580, 4.1619,  
65.2856

■ 92.4730, 6.6688,  
101.3172

■ 147.2530, 3.3263,  
53.2751

■ 79.3650, 7.2151,  
112.8129

■ 160.3610, 2.7800,  
41.7794

■ 72.2240, 7.7776,  
119.0756

■ 174.0560, 1.9444,  
29.7689

■ 187.7510, 1.1088,  
17.7584

■ 201.4460, 0.2731,  
5.7479

■ 215.1410, -0.5625,  
-6.2627

■ 228.2490, -1.1088,  
-17.7584

■ 239.0090, -0.4974,  
-27.1949

# Harmonies

## Analogous

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



125.7570, 25.7558, 45.8171



119.8630, 4.9975, 77.2961



118.3970, -18.4367, 80.3358

# Triad

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



119.8630, 4.9975, 77.2961



111.0340, -45.3728, -7.0458



106.2510, 49.1763, -93.1821

# Complementary

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



119.8630, 4.9975, 77.2961



161.1370, -4.9975, -77.2961

# 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.



104.7400, 30.6942, -91.8570



119.8630, 4.9975, 77.2961



96.2600, -14.9182, -68.6340

# Square

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



119.8630, 4.9975, 77.2961



115.0020, -56.6960, 31.5702



98.9260, 8.4175, -86.7581



101.7320, 59.7851, -89.2190



# Rectangle

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



119.8630, 4.9975, 77.2961



118.7210, -33.3865, 68.6507



98.9260, 8.4175, -86.7581



106.1710, 43.7927, -93.1120

# Sweetspot

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



119.8630, 4.9975, 77.2961



223.6320, 1.6604, 27.5097



111.1140, 47.7648, 33.2260



108.4520, 1.2562, 17.1436



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



119.8630, 4.9975, 77.2961



125.0770, 7.3570, 113.9425



118.6480, -22.5045, 78.3617



97.8590, 0.5625, 6.2627



58.3260, 6.2483, 96.1841



14.1970, 1.3819, 23.5062



# Inverse Universe

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



119.8630, 4.9975, 77.2961



125.0770, 7.3570, 113.9425



162.3520, 22.5045, -78.3617



97.8590, 0.5625, 6.2627



58.3260, 6.2483, 96.1841



14.1970, 1.3819, 23.5062



# Previews

## White Background



This preview shows how the YUV color 119.8630, 4.9975, 77.2961 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

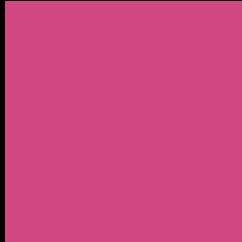
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 119.8630, 4.9975, 77.2961 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

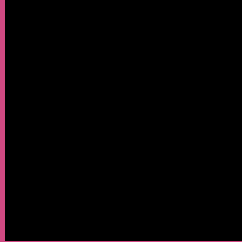
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 119.8630, 4.9975, 77.2961

## Background



This preview shows how black text looks on a background with the YUV color 119.8630, 4.9975, 77.2961.



This preview shows how white text looks on a background with the YUV color 119.8630, 4.9975,



# 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

119.8630, 4.9975, 77.2961

### Protanopia

123.7550, 18.3618, -9.4321

### Deuteranopia

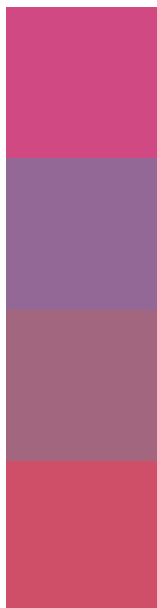
124.8270, -0.9007, 8.9217



## Tritanopia

120.0480, -15.7997, 74.5029

# Trichromacy



## Original Color

119.8630, 4.9975, 77.2961

## Protanomaly

122.4000, 13.6068, 22.4512

## Deuteranomaly

123.2630, 1.3493, 33.9723

## Tritanomaly

119.7090, -8.2375, 75.6772

# Monochromacy



## Original Color

119.8630, 4.9975, 77.2961

## Achromatopsia

120.0000, 0.0000, 0.0000

## Achromatomaly

120.0450, 1.9498, 28.0245

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.8630, 4.9975, 77.2961 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(208, 73, 130)` looks like.

```
.text, #text, p{  
    color:rgb(208, 73, 130)  
}
```

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(208, 73, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 73, 130) }
```

## Border

The CSS property to change the border of an element to YUV 119.8630, 4.9975, 77.2961 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(208, 73, 130) }
```



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

```
.border{ border-color:rgb(208, 73, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 73, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 73, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 73, 130); box-shadow:4px 4px 4px 4px rgb(208, 73, 130) }
```

# Background

The CSS property to change the background color of an element to YUV 119.8630, 4.9975, 77.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 73, 130) }
```

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

```
.background{ background-color: rgb(208, 73,  
130) }
```

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