

# Converting Colors

YUV(96.3370, 2.7919, 84.7735)

Have a look what the booklet for  
YUV(96.3370, 2.7919, 84.7735)  
contains.

<b>YUV(96.3370, 2.7919, 84.7735)</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(96.3370, 2.7919,  
84.7735)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C12E66
RGB	193, 46, 102
RGB Percent	76%, 18%, 40%
CMY	0.2431, 0.8196, 0.6000
CMYK	0.00, 0.76, 0.47, 0.24
HSL	337°, 62%, 47%
HSV	337°, 76%, 76%
XYZ	25.3676, 14.2508, 13.9840
YIQ	96.3370, 69.6360, 48.5800

# Conversions

## Conversions Part 2

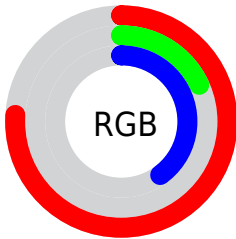
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 46, 102
Decimal	12660326
CIE <sub>Lab</sub>	44.59, 60.76, 3.56
CIE <sub>LCh</sub>	45, 60.860, 3.353
Yxy	14.2508, 0.4733, 0.2659
Android (android.graphics.Color)	4290850406 (0xFFC12E66)
YUV	96.3370, 2.7919, 84.7735
Hunter-Lab	37.7502, 53.8867, 4.4620

# Details

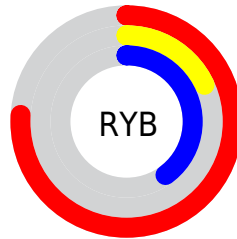
The YUV color **96.3370, 2.7919, 84.7735** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **142.6630, -2.7919, -84.7735**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.0230, -0.9973, 86.8028**, and **46.4500, 4.7082, 76.7814** is the 20% darker color. If you saturate the color by 10%, you get **83.8160, 3.0487, 95.7544**, and if you desaturate by 10%, it is **108.8580, 2.5350, 73.7925**.

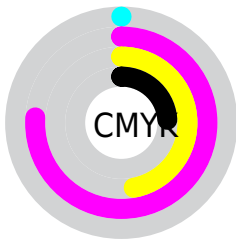
# Distribution



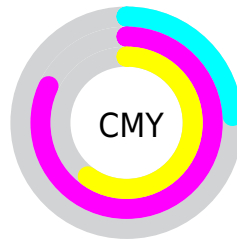
- Red (76%)
- Green (18%)
- Blue (40%)



- Red (76%)
- Yellow (18%)
- Blue (40%)



- Cyan (0%)
- Magenta (76%)
- Yellow (47%)
- Black (24%)




- Cyan (24%)
- Magenta (82%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.3370, 2.7919, 84.7735 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 96.3370, 2.7919, 84.7735 by changing the saturation by 10% instead.




 96.3370, 2.7919,  
84.7735

 96.3370, 2.7919,  
84.7735


255.0000, 0.0000,  
0.0000


 57.6290, 10.0429,  
92.4104


 155.0230, -0.9973,  
86.8028


 46.4500, 4.7082,  
76.7814


 175.3090, 1.8197,  
69.8890


 35.0860, -0.0424,  
60.4376

 194.9370, 5.9471,  
52.6753

 24.0920, -5.9614,  
45.5233

 215.1520, 9.7851,  
34.9467

 14.5800, -6.2019,  
29.3093

 234.4550, 10.1287,  
18.0180

 0.0000, 0.0000,  
0.0000

 251.4780, 1.7363,

3.0888

■ 96.3370, 2.7919,  
84.7735

■ 96.3370, 2.7919,  
84.7735

■ 83.8160, 3.0487,  
95.7544

■ 108.8580, 2.5350,  
73.7925

■ 70.7080, 3.5950,  
107.2501

■ 121.9660, 1.9888,  
62.2968

■ 66.1430, 3.8735,  
111.2536

■ 134.4870, 1.7319,  
51.3159

■ 147.0080, 1.4751,  
40.3350

■ 160.1160, 0.9288,  
28.8393

■ 172.6370, 0.6720,  
17.8584

■ 185.1580, 0.4151,  
6.8774

■ 197.6790, 0.1583,  
-4.1035

■ 210.7870, -0.3880,  
-15.5992

# Harmonies

## Analogous

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



104.5520, 23.3919, 57.3979



96.3370, 2.7919, 84.7735



97.4740, -21.9257, 79.3913

# Triad

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



96.3370, 2.7919, 84.7735



90.1960, -44.4666, -17.7119



93.9580, 50.3067, -82.4012

# Complementary

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



96.3370, 2.7919, 84.7735



142.6630, -2.7919, -84.7735

# 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.



92.7890, 33.1350, -81.3760



96.3370, 2.7919, 84.7735



79.8730, -11.2764, -70.0486

# Square

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



96.3370, 2.7919, 84.7735



98.4120, -48.5171, 21.5637



87.6760, 11.0057, -76.8919



88.2820, 59.0210, -77.4233



# Rectangle

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



96.3370, 2.7919, 84.7735



99.2060, -39.0486, 64.7173



87.6760, 11.0057, -76.8919



94.6930, 45.5074, -83.0458

# Sweetspot

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



96.3370, 2.7919, 84.7735



211.8500, 1.0599, 33.4575



89.9670, 50.7953, 41.2479



101.9470, 0.5191, 20.2175



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



96.3370, 2.7919, 84.7735



100.0900, 4.3926, 131.4711



99.9320, -26.5885, 81.6206



90.4460, 0.2731, 5.7479



55.0930, 2.9122, 92.8804



11.3490, 0.8139, 18.9879



# Inverse Universe

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



96.3370, 2.7919, 84.7735



100.0900, 4.3926, 131.4711



139.0680, 26.5885, -81.6206



90.4460, 0.2731, 5.7479



55.0930, 2.9122, 92.8804



11.3490, 0.8139, 18.9879



# Previews

## White Background



This preview shows how the YUV color 96.3370, 2.7919, 84.7735 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

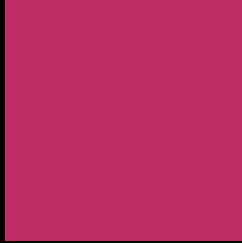
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 96.3370, 2.7919, 84.7735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

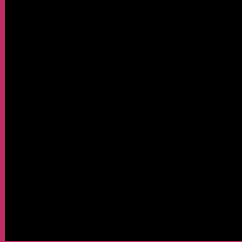
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 96.3370, 2.7919, 84.7735

## Background



This preview shows how black text looks on a background with the YUV color 96.3370, 2.7919, 84.7735.



This preview shows how white text looks on a background with the YUV color 96.3370, 2.7919, 84.7735.



# 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

96.3370, 2.7919, 84.7735

### Protanopia

106.7400, 14.4252, -6.7880

### Deuteranopia

106.8830, -5.8583, 12.3806



## Tritanopia

97.4080, -18.4421, 82.0802

# Trichromacy



## Original Color

96.3370, 2.7919, 84.7735

## Protanomaly

103.2110, 10.2490, 26.1250

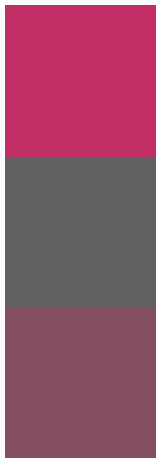
## Deuteranomaly

103.2590, -2.5927, 38.3609

## Tritanomaly

97.0690, -10.8800, 83.2545

# Monochromacy



## Original Color

96.3370, 2.7919, 84.7735

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

96.1270, 0.9234, 30.5836

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.3370, 2.7919, 84.7735 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(193, 46, 102)` looks like.

```
.text, #text, p{  
  color:rgb(193, 46, 102)  
}
```

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(193, 46, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 46, 102) }
```

## Border

The CSS property to change the border of an element to YUV 96.3370, 2.7919, 84.7735 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(193, 46, 102) }
```



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

```
.border{ border-color:rgb(193, 46, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 46, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 46, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 46, 102);  
box-shadow:4px 4px 4px 4px rgb(193, 46,  
102) }
```

# Background

The CSS property to change the background color of an element to YUV 96.3370, 2.7919, 84.7735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 46, 102) }
```

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

```
.background{ background-color: rgb(193, 46,  
102) }
```

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