

# Converting Colors

YUV(67.9370, 2.9891, 114.9423)

Have a look what the booklet for  
YUV(67.9370, 2.9891, 114.9423)  
contains.

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# Color

**YUV(67.9370, 2.9891,  
114.9423)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7004A
RGB	199, 0, 74
RGB Percent	78%, 0%, 29%
CMY	0.2196, 1.0000, 0.7098
CMYK	0.00, 1.00, 0.63, 0.22
HSL	338°, 100%, 39%
HSV	338°, 100%, 78%
XYZ	24.7892, 12.6365, 7.6111
YIQ	67.9370, 94.8500, 65.2020

# Conversions

## Conversions Part 2

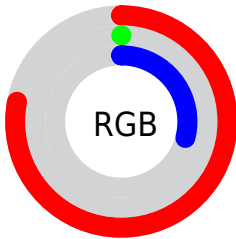
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 0, 74
Decimal	13041738
CIELab	42.21, 68.55, 17.98
CIElCh	42, 70.867, 14.694
Yxy	12.6365, 0.5504, 0.2806
Android (android.graphics.Color)	4291231818 (0xFFC7004A)
YUV	67.9370, 2.9891, 114.9423
Hunter-Lab	35.5479, 62.2676, 12.1890

# Details

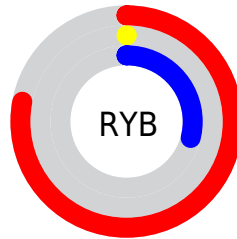
The YUV color **67.9370, 2.9891, 114.9423** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **131.0630, -2.9891, -114.9423**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.6350, -9.1871, 100.2981**, and **44.4970, -6.6540, 81.1251** is the 20% darker color. If you saturate the color by 10%, you get **67.9370, 2.9891, 114.9423**, and if you desaturate by 10%, it is **81.0450, 2.4428, 103.4465**.

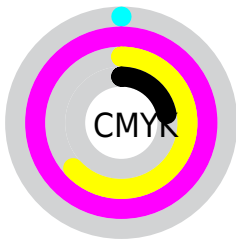
# Distribution



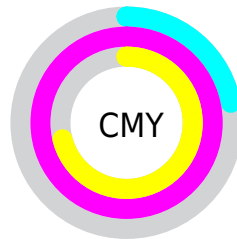
- Red (78%)
- Green (0%)
- Blue (29%)



- Red (78%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (22%)




- Cyan (22%)
- Magenta (100%)
- Yellow (71%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 67.9370, 2.9891, 114.9423 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 67.9370, 2.9891, 114.9423 by changing the saturation by 10% instead.





 67.9370, 2.9891,  
114.9423


 67.9370, 2.9891,  
114.9423


255.0000, 0.0000,  
0.0000


 56.1600, -2.0509,  
98.0837


 140.6350, -9.1871,  
100.2981


 44.4970, -6.6540,  
81.1251


 160.6220, -6.2226,  
82.7695

 32.7910, -12.7150,  
65.0813

 181.1960, -3.5476,  
64.7261

 23.3650, -10.0399,  
47.0379

 201.4110, 0.2904,  
46.9976

 13.9820, -5.9071,  
28.0798

 221.6260, 4.1284,  
29.2690

 0.0000, 0.0000,  
0.0000

 242.0860, 6.3666,

11.3256

■ 67.9370, 2.9891,  
114.9423

■ 81.0450, 2.4428,  
103.4465

■ 94.2670, 2.3334,  
91.8508

■ 107.3750, 1.7871,  
80.3551

■ 120.5970, 1.6777,  
68.7594

■ 133.7050, 1.1314,  
57.2637

■ 146.3400, 1.3114,  
46.1828

■ 159.5620, 1.2019,  
34.5871

■ 172.6700, 0.6557,  
23.0914

■ 185.8920, 0.5462,  
11.4957

# Harmonies

## Analogous

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



82.4020, 24.4518, 90.8554



67.9370, 2.9891, 114.9423



88.0110, -36.4874, 83.3054

# Triad

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



67.9370, 2.9891, 114.9423



68.6790, -33.8587, -60.2315



91.9010, 60.1948, -80.5972

# Complementary

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



67.9370, 2.9891, 114.9423



131.0630, -2.9891, -114.9423

# 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.



92.9490, 43.9021, -81.5163



67.9370, 2.9891, 114.9423



79.1380, -6.4770, -69.4040

# Square

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



67.9370, 2.9891, 114.9423



90.6270, -44.6791, 3.8351



87.3800, 20.0257, -76.6323



81.9220, 65.1145, -71.8456



# Rectangle

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



67.9370, 2.9891, 114.9423



93.0390, -45.8682, 58.7248



87.3800, 20.0257, -76.6323



93.3370, 55.5429, -81.8565

# Sweetspot

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



67.9370, 2.9891, 114.9423



204.9160, 1.0274, 43.9237



59.4630, 68.7917, 55.7219



97.6920, 0.6448, 26.5801



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.



67.9370, 2.9891, 114.9423



87.0750, 3.9070, 147.2702



73.0020, -35.9900, 110.5002



93.0330, -0.0163, 5.2331



55.6910, 2.6173, 94.1100



12.2460, 0.3717, 20.8323



# Inverse Universe

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



67.9370, 2.9891, 114.9423



87.0750, 3.9070, 147.2702



125.9980, 35.9900, -110.5002



93.0330, -0.0163, 5.2331



55.6910, 2.6173, 94.1100



12.2460, 0.3717, 20.8323



# Previews

## White Background



This preview shows how the YUV color 67.9370, 2.9891, 114.9423 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 67.9370, 2.9891, 114.9423 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 67.9370, 2.9891, 114.9423

## Background



This preview shows how black text looks on a background with the YUV color 67.9370, 2.9891, 114.9423.



This preview shows how white text looks on a background with the YUV color 67.9370, 2.9891, 114.9423.



# 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

67.9370, 2.9891, 114.9423

### Protanopia

102.0970, 2.9102, -0.0851

### Deuteranopia

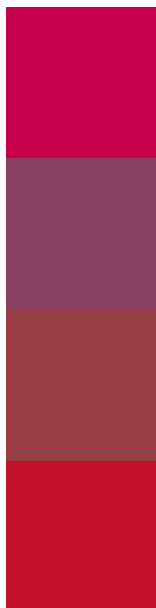
101.1260, -17.8101, 19.1835



## Tritanopia

79.8900, -26.0748, 103.5825

# Trichromacy



## Original Color

67.9370, 2.9891, 114.9423

## Protanomaly

89.4750, 3.2168, 41.6794

## Deuteranomaly

89.2950, -10.4984, 54.1153

## Tritanomaly

75.3710, -15.4659, 107.5456

# Monochromacy



## Original Color

67.9370, 2.9891, 114.9423

## Achromatopsia

68.0000, 0.0000, 0.0000

## Achromatomaly

67.9050, 1.0328, 42.1793

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 67.9370, 2.9891, 114.9423 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(199, 0, 74)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 74)  
}
```

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(199, 0, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 74) }
```

## Border

The CSS property to change the border of an element to YUV 67.9370, 2.9891, 114.9423 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(199, 0, 74) }
```



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

```
.border{ border-color:rgb(199, 0, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 0, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 74);  
box-shadow:4px 4px 4px 4px rgb(199, 0, 74)  
}
```

# Background

The CSS property to change the background color of an element to YUV 67.9370, 2.9891, 114.9423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 74) }
```

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

```
.background{ background-color: rgb(199, 0,  
74) }
```

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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