

# Converting Colors

YUV(70.8990, 3.9938, 119.3606)

Have a look what the booklet for  
YUV(70.8990, 3.9938, 119.3606)  
contains.

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# Color

**YUV(70.8990, 3.9938,  
119.3606)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF004F
RGB	207, 0, 79
RGB Percent	81%, 0%, 31%
CMY	0.1882, 1.0000, 0.6902
CMYK	0.00, 1.00, 0.62, 0.19
HSL	337°, 100%, 41%
HSV	337°, 100%, 81%
XYZ	27.1434, 13.8299, 8.6360
YIQ	70.8990, 98.0130, 68.4530

# Conversions

## Conversions Part 2

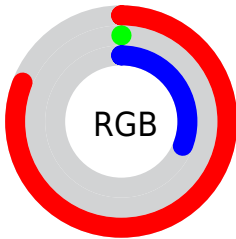
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 0, 79
Decimal	13566031
CIE Lab	43.99, 70.70, 17.50
CIE LCh	44, 72.829, 13.901
Yxy	13.8299, 0.5471, 0.2788
Android (android.graphics.Color)	4291756111 (0xFFCF004F)
YUV	70.8990, 3.9938, 119.3606
Hunter-Lab	37.1886, 65.2045, 12.2636

# Details

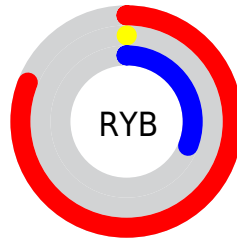
The YUV color **70.8990, 3.9938, 119.3606** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **136.1010, -3.9938, -119.3606**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.4930, -7.1450, 98.6686**, and **47.4590, -5.6493, 85.5435** is the 20% darker color. If you saturate the color by 10%, you get **70.8990, 3.9938, 119.3606**, and if you desaturate by 10%, it is **84.7080, 3.5950, 107.2501**.

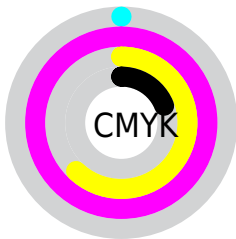
# Distribution



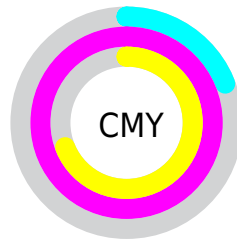
- Red (81%)
- Green (0%)
- Blue (31%)



- Red (81%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (100%)
- Yellow (62%)
- Black (19%)




- Cyan (19%)
- Magenta (100%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 70.8990, 3.9938, 119.3606 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 70.8990, 3.9938, 119.3606 by changing the saturation by 10% instead.





 70.8990, 3.9938,  
119.3606


 70.8990, 3.9938,  
119.3606


255.0000, 0.0000,  
0.0000


 59.0080, -1.4829,  
102.6020


 142.4930, -7.1450,  
98.6686


 47.4590, -5.6493,  
85.5435


 163.0670, -4.4700,  
80.6252


 35.7960, -10.2524,  
68.5849


 183.0540, -1.5056,  
63.0966

 25.3440, -11.5086,  
51.4413

 203.2690, 2.3324,  
45.3681

 16.3740, -7.0864,  
32.9980

 224.0710, 5.8810,  
27.1247

 1.1960, -0.5896,  
2.4591

 243.8470, 5.4984,

 0.0000, 0.0000,

9.7812

0.0000

■ 70.8990, 3.9938,  
119.3606

■ 84.7080, 3.5950,  
107.2501

■ 97.9300, 3.4855,  
95.6544

■ 111.6250, 2.6499,  
83.6439

■ 125.4340, 2.2510,  
71.5334

■ 139.2430, 1.8522,  
59.4229

■ 152.4650, 1.7428,  
47.8272

■ 166.2740, 1.3439,  
35.7167

■ 179.9690, 0.5083,  
23.7062

■ 193.1910, 0.3988,  
12.1105

# Harmonies

## Analogous

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



87.0540, 25.6094, 92.9146



70.8990, 3.9938, 119.3606



91.4460, -36.2089, 87.3089

# Triad

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



70.8990, 3.9938, 119.3606



71.9130, -35.4531, -62.1907



95.7480, 62.2422, -83.9710

# Complementary

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



70.8990, 3.9938, 119.3606



136.1010, -3.9938, -119.3606

# 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.



96.5680, 45.0760, -84.6901



70.8990, 3.9938, 119.3606



82.3010, -7.0504, -72.1780

# Square

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



70.8990, 3.9938, 119.3606



94.7690, -46.7211, 5.4646



90.7710, 20.3259, -79.6062



85.2960, 67.8881, -74.8046



# Rectangle

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



70.8990, 3.9938, 119.3606



96.3060, -47.4789, 61.9986



90.7710, 20.3259, -79.6062



97.1840, 57.5903, -85.2304

# Sweetspot

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



70.8990, 3.9938, 119.3606



205.0300, 1.4642, 43.8237



61.8700, 71.5491, 57.9960



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.



70.8990, 3.9938, 119.3606



87.3030, 4.7806, 147.0703



75.9810, -37.4586, 114.9037



97.7450, 0.1257, 6.3626



57.5280, 3.1907, 96.8839



14.0830, 0.9451, 23.6062



# Inverse Universe

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



70.8990, 3.9938, 119.3606



87.3030, 4.7806, 147.0703



131.0190, 37.4586, -114.9037



97.7450, 0.1257, 6.3626



57.5280, 3.1907, 96.8839



14.0830, 0.9451, 23.6062



# Previews

## White Background



This preview shows how the YUV color 70.8990, 3.9938, 119.3606 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 70.8990, 3.9938, 119.3606 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

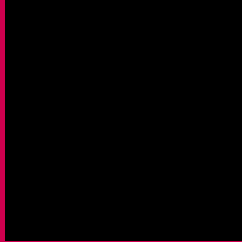
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 70.8990, 3.9938, 119.3606

## Background



This preview shows how black text looks on a background with the YUV color 70.8990, 3.9938, 119.3606.



This preview shows how white text looks on a background with the YUV color 70.8990, 3.9938,



# 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

70.8990, 3.9938, 119.3606

### Protanopia

106.8410, 4.5154, -1.6146

### Deuteranopia

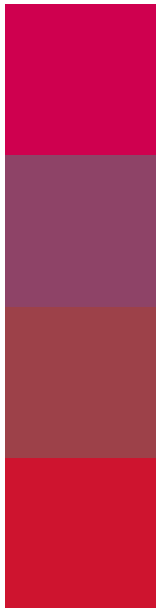
106.1260, -17.8101, 19.1835



## Tritanopia

83.3850, -26.8118, 106.6564

# Trichromacy



## Original Color

70.8990, 3.9938, 119.3606

## Protanomaly

93.5290, 4.6692, 42.5091

## Deuteranomaly

93.4200, -10.0671, 55.7597

## Tritanomaly

78.6920, -15.6242, 111.6491

# Monochromacy



## Original Color

70.8990, 3.9938, 119.3606

## Achromatopsia

71.0000, 0.0000, 0.0000

## Achromatomaly

70.7310, 1.6116, 43.2089

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 70.8990, 3.9938, 119.3606 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(207, 0, 79)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 79)  
}
```

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(207, 0, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 79) }
```

## Border

The CSS property to change the border of an element to YUV 70.8990, 3.9938, 119.3606 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(207, 0, 79) }
```



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

```
.border{ border-color:rgb(207, 0, 79) }
```

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

Here you see how a box with a 4 pixel rgb(207, 0, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 79);  
box-shadow:4px 4px 4px 4px rgb(207, 0, 79)  
}
```

# Background

The CSS property to change the background color of an element to YUV 70.8990, 3.9938, 119.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 79) }
```

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

```
.background{ background-color: rgb(207, 0,  
79) }
```

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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