

# Converting Colors

YUV(103.8400, 9.9389, 79.0703)

Have a look what the booklet for  
YUV(103.8400, 9.9389, 79.0703)  
contains.

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# Color

**YUV(103.8400, 9.9389,  
79.0703)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2367C
RGB	194, 54, 124
RGB Percent	76%, 21%, 49%
CMY	0.2392, 0.7882, 0.5137
CMYK	0.00, 0.72, 0.36, 0.24
HSL	330°, 56%, 49%
HSV	330°, 72%, 76%
XYZ	27.2054, 15.5629, 20.6388
YIQ	103.8400, 60.9700, 51.4500

# Conversions

## Conversions Part 2

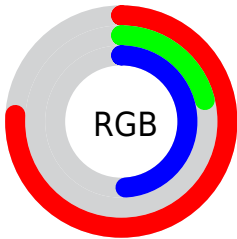
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	194, 54, 124
Decimal	12727932
CIE <sub>Lab</sub>	46.40, 60.57, -7.31
CIE <sub>LCh</sub>	46, 61.007, 353.120
Yxy	15.5629, 0.4291, 0.2454
Android (android.graphics.Color)	4290918012 (0xFFC2367C)
YUV	103.8400, 9.9389, 79.0703
Hunter-Lab	39.4498, 54.0599, -3.4037

# Details

The YUV color **103.8400, 9.9389, 79.0703** is a dark color, and the websafe version is hex **990066**. The color can be described as dark muted rose. A complement of this color would be **144.1600, -9.9389, -79.0703**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7540, 7.0233, 80.8997**, and **49.2140, 12.7125, 76.1113** is the 20% darker color. If you saturate the color by 10%, you get **91.5470, 11.0693, 89.8513**, and if you desaturate by 10%, it is **116.1330, 8.8084, 68.2894**.

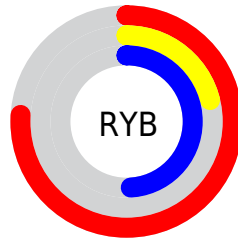
# Distribution



Red (76%)

Green (21%)

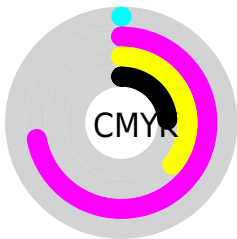
Blue (49%)



Red (76%)

Yellow (21%)

Blue (49%)

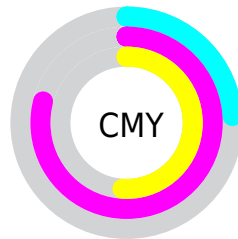


Cyan (0%)

Magenta (72%)

Yellow (36%)

Black (24%)



Cyan (24%)

Magenta (79%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 103.8400, 9.9389, 79.0703 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 103.8400, 9.9389, 79.0703 by changing the saturation by 10% instead.




 103.8400, 9.9389,  
79.0703


 103.8400, 9.9389,  
79.0703


255.0000, 0.0000,  
0.0000


 70.0130, 14.2906,  
83.3036


 161.7540, 7.0233,  
80.8997


 49.2140, 12.7125,  
76.1113


 181.6810, 11.0033,  
64.3008

 38.0350, 7.3777,  
60.4823


 201.3090, 15.1307,  
47.0870

 27.2690, 2.3324,  
45.3681

 220.9540, 16.7847,  
29.8583

 16.4170, -5.6286,  
32.0833

 237.9770, 8.3923,  
14.9292

 1.4950, -0.7370,  
3.0739

 0.0000, 0.0000,

0.0000

■ 103.8400, 9.9389,  
79.0703

■ 103.8400, 9.9389,  
79.0703

■ 91.5470, 11.0693,  
89.8513

■ 116.1330, 8.8084,  
68.2894

■ 78.7810, 12.9260,  
101.0471

■ 128.8990, 6.9518,  
57.0936

■ 69.0640, 13.7724,  
109.5689

■ 141.1920, 5.8213,  
46.3126

■ 154.0720, 4.4015,  
35.0169

■ 166.2510, 2.8343,  
24.3359

■ 178.5440, 1.7038,  
13.5549

■ 191.4240, 0.2840,  
2.2592

■ 203.7170, -0.8465,  
-8.5218

■ 216.4830, -2.7031,  
-19.7176

# Harmonies

## Analogous

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



111.7610, 29.6978, 41.4286



103.8400, 9.9389, 79.0703



101.5700, -14.0850, 84.5691

# Triad

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



103.8400, 9.9389, 79.0703



98.2580, -48.4412, -2.8573



97.4970, 46.0970, -85.5049

# Complementary

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



103.8400, 9.9389, 79.0703



144.1600, -9.9389, -79.0703

# 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.



95.0570, 26.5939, -83.3650



103.8400, 9.9389, 79.0703



80.0380, -18.2597, -70.1933

# Square

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



103.8400, 9.9389, 79.0703



103.8050, -51.1759, 34.3740



88.4280, 3.7330, -77.5514



94.6080, 57.8743, -82.9712



# Rectangle

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



103.8400, 9.9389, 79.0703



103.7370, -30.9293, 73.8987



88.4280, 3.7330, -77.5514



97.3030, 40.2766, -85.3347

# Sweetspot

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



103.8400, 9.9389, 79.0703



216.6370, 4.1230, 31.0134



90.8900, 50.8332, 29.0375



106.1040, 2.4137, 19.2028



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.



103.8400, 9.9389, 79.0703



111.0210, 15.7656, 123.6386



95.8600, -20.6370, 86.0688



90.5600, 0.7099, 5.6479



57.2590, 11.2113, 90.9809



11.8050, 2.5611, 18.5880



# Inverse Universe

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



103.8400, 9.9389, 79.0703



111.0210, 15.7656, 123.6386



152.1400, 20.6370, -86.0688



90.5600, 0.7099, 5.6479



57.2590, 11.2113, 90.9809



11.8050, 2.5611, 18.5880



# Previews

## White Background



This preview shows how the YUV color 103.8400, 9.9389, 79.0703 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 103.8400, 9.9389, 79.0703 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

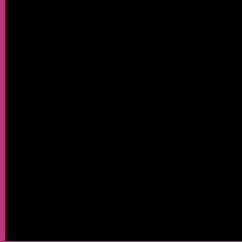
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 103.8400, 9.9389, 79.0703

## Background



This preview shows how black text looks on a background with the YUV color 103.8400, 9.9389, 79.0703.



This preview shows how white text looks on a background with the YUV color 103.8400, 9.9389,



# 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

103.8400, 9.9389, 79.0703

### Protanopia

110.4430, 24.9246, -14.4205

### Deuteranopia

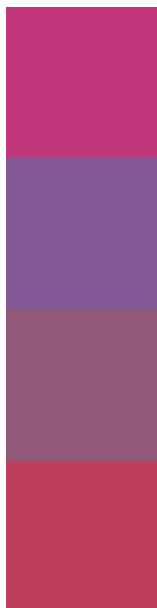
111.7280, 2.5991, 6.3775



## Tritanopia

104.9340, -16.2365, 74.6029

# Trichromacy



## Original Color

103.8400, 9.9389, 79.0703

## Protanomaly

107.9850, 19.7274, 19.3072

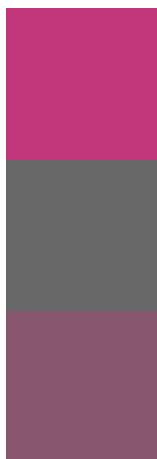
## Deuteranomaly

108.9900, 5.4279, 32.4578

## Tritanomaly

104.4640, -6.6378, 75.8921

# Monochromacy



## Original Color

103.8400, 9.9389, 79.0703

## Achromatopsia

104.0000, 0.0000, 0.0000

## Achromatomaly

104.0990, 3.4022, 28.8542

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 103.8400, 9.9389, 79.0703 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(194, 54, 124)` looks like.

```
.text, #text, p{  
    color:rgb(194, 54, 124)  
}
```

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(194, 54, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 54, 124) }
```

## Border

The CSS property to change the border of an element to YUV 103.8400, 9.9389, 79.0703 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(194, 54, 124) }
```



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

```
.border{ border-color:rgb(194, 54, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 54, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 54, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 54, 124);  
box-shadow:4px 4px 4px 4px rgb(194, 54,  
124) }
```

# Background

The CSS property to change the background color of an element to YUV 103.8400, 9.9389, 79.0703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 54, 124) }
```

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

```
.background{ background-color: rgb(194, 54,  
124) }
```

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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