

# Converting Colors

YUV(92.8490, 40.0074, 94.8484)

Have a look what the booklet for  
YUV(92.8490, 40.0074, 94.8484)  
contains.

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# Color

**YUV(92.8490, 40.0074,  
94.8484)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C916AE
RGB	201, 22, 174
RGB Percent	79%, 9%, 68%
CMY	0.2118, 0.9137, 0.3176
CMYK	0.00, 0.89, 0.13, 0.21
HSL	309°, 80%, 44%
HSV	309°, 89%, 79%
XYZ	32.0143, 16.0473, 41.4545
YIQ	92.8490, 57.8920, 85.2200

# Conversions

## Conversions Part 2

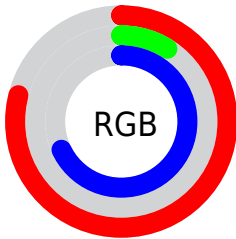
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	201, 22, 174
Decimal	13178542
CIE Lab	47.04, 76.18, -36.27
CIE LCh	47, 84.373, 334.539
Yxy	16.0473, 0.3576, 0.1793
Android (android.graphics.Color)	4291368622 (0xFFC916AE)
YUV	92.8490, 40.0074, 94.8484
Hunter-Lab	40.0591, 72.5495, -33.3139

# Details

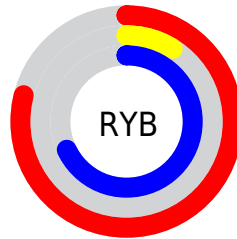
The YUV color **92.8490, 40.0074, 94.8484** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **130.1510, -40.0074, -94.8484**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.8170, 35.0932, 84.3525**, and **56.2520, 31.9208, 75.2010** is the 20% darker color. If you saturate the color by 10%, you get **80.7670, 44.4849, 105.4443**, and if you desaturate by 10%, it is **104.9310, 35.5300, 84.2525**.

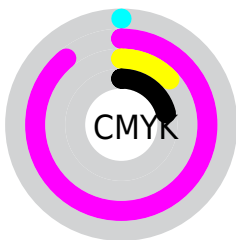
# Distribution



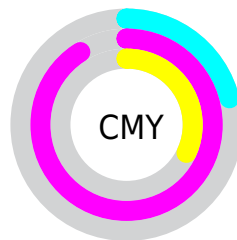
- Red (79%)
- Green (9%)
- Blue (68%)



- Red (79%)
- Yellow (9%)
- Blue (68%)



- Cyan (0%)
- Magenta (89%)
- Yellow (13%)
- Black (21%)




- Cyan (21%)
- Magenta (91%)
- Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 92.8490, 40.0074, 94.8484 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 92.8490, 40.0074, 94.8484 by changing the saturation by 10% instead.





 92.8490, 40.0074,  
94.8484


 92.8490, 40.0074,  
94.8484


255.0000, 0.0000,  
0.0000


 67.8870, 39.0027,  
90.4301


 158.8170, 35.0932,  
84.3525


 56.2520, 31.9208,  
75.2010


 179.2770, 37.3314,  
66.4091


 45.0300, 25.1282,  
60.4867


 196.8870, 28.6497,  
50.9651

 33.5090, 18.4831,  
45.1576

 213.9100, 20.2574,  
36.0359

 23.2270, 12.7061,  
31.3729

 231.5200, 11.5756,  
20.5920

 11.0370, 7.3768,  
13.9996

 249.1300, 2.8939,

 0.0000, 0.0000,

5.1480

0.0000

■ 92.8490, 40.0074,  
94.8484

■ 92.8490, 40.0074,  
94.8484

■ 80.7670, 44.4849,  
105.4443

■ 104.9310, 35.5300,  
84.2525

■ 79.5930, 45.0637,  
106.4739

■ 117.0130, 31.0526,  
73.6566

■ 129.0950, 26.5752,  
63.0607

■ 141.1770, 22.0977,  
52.4648

■ 153.8460, 17.3309,  
41.3541

■ 165.9280, 12.8535,  
30.7581

■ 178.0100, 8.3761,  
20.1622

■ 190.0920, 3.8986,  
9.5663

■ 202.1740, -0.5788,  
-1.0296

# Harmonies

## Analogous

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



111.3860, 58.4767, 4.0465



92.8490, 40.0074, 94.8484



80.6260, 11.5234, 131.0010

# Triad

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



92.8490, 40.0074, 94.8484



104.3040, -51.4219, 19.9044



103.9540, 42.9137, -91.1677

# Complementary

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



92.8490, 40.0074, 94.8484



130.1510, -40.0074, -94.8484

# 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.



95.9740, 12.3378, -84.1692



92.8490, 40.0074, 94.8484



89.1780, -43.9648, -38.7441

# Square

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



92.8490, 40.0074, 94.8484



103.4380, -50.9949, 69.7759



84.8480, -20.1381, -74.4117



106.7190, 66.2005, -93.5926



# Rectangle

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



92.8490, 40.0074, 94.8484



74.4850, -8.1271, 133.7557



84.8480, -20.1381, -74.4117



101.4460, 33.3041, -88.9681

# Sweetspot

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



92.8490, 40.0074, 94.8484



213.3570, 15.6000, 36.5209



50.4790, 74.2069, -1.2971



103.1350, 8.8074, 21.8066



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.



92.8490, 40.0074, 94.8484



100.9830, 57.1964, 135.0729



82.7030, 1.1324, 103.7465



93.6030, 2.1677, 4.7332



64.5830, 36.6876, 86.3117



14.1840, 7.7973, 19.1326



# Inverse Universe

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



92.8490, 40.0074, 94.8484



100.9830, 57.1964, 135.0729



140.2970, -1.1324, -103.7465



93.6030, 2.1677, 4.7332



64.5830, 36.6876, 86.3117



14.1840, 7.7973, 19.1326



# Previews

## White Background



This preview shows how the YUV color 92.8490, 40.0074, 94.8484 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

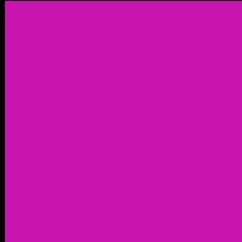
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 92.8490, 40.0074, 94.8484 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

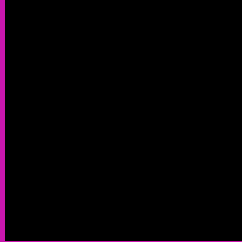
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 92.8490, 40.0074, 94.8484

## Background



This preview shows how black text looks on a background with the YUV color 92.8490, 40.0074, 94.8484.



This preview shows how white text looks on a background with the YUV color 92.8490, 40.0074,



# 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

92.8490, 40.0074, 94.8484

### Protanopia

90.3170, 69.3567, -79.2080

### Deuteranopia

111.9480, 25.6616, -17.4944



## Tritanopia

107.6350, -16.0891, 73.9881

# Trichromacy



## Original Color

92.8490, 40.0074, 94.8484



## Protanomaly

90.9660, 58.6838, -15.7562



## Deuteranomaly

104.9930, 31.0625, 23.6851



## Tritanomaly

102.0700, 4.4025, 81.4996

# Monochromacy



## Original Color

92.8490, 40.0074, 94.8484



## Achromatopsia

93.0000, 0.0000, 0.0000



## Achromatomaly

92.7050, 14.4424, 34.4617

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 92.8490, 40.0074, 94.8484 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(201, 22, 174)` looks like.

```
.text, #text, p{  
    color:rgb(201, 22, 174)  
}
```

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(201, 22, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 22, 174) }
```

## Border

The CSS property to change the border of an element to YUV 92.8490, 40.0074, 94.8484 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(201, 22, 174) }
```



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

```
.border{ border-color:rgb(201, 22, 174) }
```

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

Here you see how a box with a 4 pixel rgb(201, 22, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 22, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 22, 174);  
box-shadow:4px 4px 4px 4px rgb(201, 22,  
174) }
```

# Background

The CSS property to change the background color of an element to YUV 92.8490, 40.0074, 94.8484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 22, 174) }
```

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

```
.background{ background-color: rgb(201, 22,  
174) }
```

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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