

# Converting Colors

YUV(110.9840, 4.9379, 96.4840)

Have a look what the booklet for  
YUV(110.9840, 4.9379, 96.4840)  
contains.

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# Color

**YUV(110.9840, 4.9379,  
96.4840)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD3579
RGB	221, 53, 121
RGB Percent	87%, 21%, 47%
CMY	0.1333, 0.7922, 0.5255
CMYK	0.00, 0.76, 0.45, 0.13
HSL	336°, 71%, 54%
HSV	336°, 76%, 87%
XYZ	34.5431, 19.2988, 19.9936
YIQ	110.9840, 78.3000, 56.7640

# Conversions

## Conversions Part 2

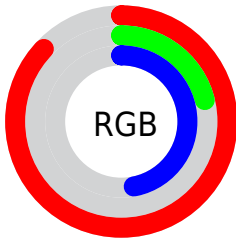
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">221, 53, 121</a>
Decimal	<a href="#">14497145</a>
CIELab	<a href="#">51.04, 67.87, 1.90</a>
CIELCh	<a href="#">51, 67.899, 1.604</a>
Yxy	<a href="#">19.2988, 0.4678, 0.2614</a>
Android (android.graphics.Color)	<a href="#">4292687225</a> ( <a href="#">0xFFDD3579</a> )
YUV	<a href="#">110.9840, 4.9379, 96.4840</a>
Hunter-Lab	<a href="#">43.9304, 63.4787, 3.7673</a>

# Details

The YUV color **110.9840, 4.9379, 96.4840** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **163.0160, -4.9379, -96.4840**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4720, 4.6973, 80.2701**, and **56.1620, 8.3011, 91.0659** is the 20% darker color. If you saturate the color by 10%, you get **96.5880, 5.6261, 109.1093**, and if you desaturate by 10%, it is **125.3800, 4.2497, 83.8587**.

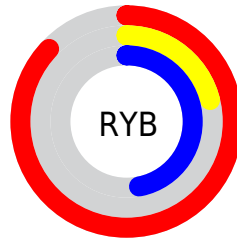
# Distribution



Red (87%)

Green (21%)

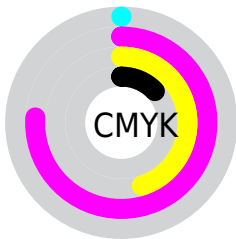
Blue (47%)



Red (87%)

Yellow (21%)

Blue (47%)

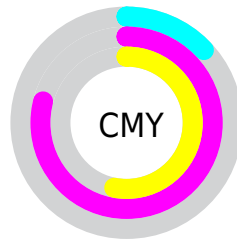


Cyan (0%)

Magenta (76%)

Yellow (45%)

Black (13%)



Cyan (13%)

Magenta (79%)

Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 110.9840, 4.9379, 96.4840 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 110.9840, 4.9379, 96.4840 by changing the saturation by 10% instead.




 110.9840, 4.9379,  
96.4840

 110.9840, 4.9379,  
96.4840


255.0000, 0.0000,  
0.0000


 68.9280, 13.3465,  
106.1801


 163.4720, 4.6973,  
80.2701


 56.1620, 8.3011,  
91.0659


 183.5730, 8.0985,  
62.6415

 44.6840, 3.1138,  
74.8221


 203.7880, 11.9365,  
44.9129

 33.6190, -1.7842,  
59.0931

 223.8890, 15.3377,  
27.2843

 22.4680, -9.5977,  
45.1936

 241.4990, 6.6560,  
11.8404

 12.6720, -5.7543,  
25.7207

 0.0000, 0.0000,

0.0000

■ 110.9840, 4.9379,  
96.4840

■ 110.9840, 4.9379,  
96.4840

■ 96.5880, 5.6261,  
109.1093

■ 125.3800, 4.2497,  
83.8587

■ 82.1920, 6.3143,  
121.7346

■ 139.7760, 3.5614,  
71.2334

■ 76.2250, 6.2981,  
126.9677

■ 154.1720, 2.8732,  
58.6082

■ 168.6820, 2.6218,  
45.8829

■ 183.6650, 1.6442,  
32.7428

■ 198.0610, 0.9559,  
20.1175

■ 212.4570, 0.2677,  
7.4922

■ 226.8530, -0.4205,  
-5.1331

■ 241.2490, -1.1088,  
-17.7584

# Harmonies

## Analogous

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



121.1380, 28.0330, 62.1460



110.9840, 4.9379, 96.4840



112.0950, -23.7108, 92.0017

# Triad

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



110.9840, 4.9379, 96.4840



104.6600, -51.5974, -17.2418



108.3030, 57.0386, -94.9817

# Complementary

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



110.9840, 4.9379, 96.4840



163.0160, -4.9379, -96.4840

# 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.



106.9230, 36.5200, -93.7715



110.9840, 4.9379, 96.4840



91.0090, -14.3014, -79.8149

# Square

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



110.9840, 4.9379, 96.4840



113.4960, -55.9535, 26.7520



100.3110, 11.1857, -87.9727



102.3820, 67.3527, -89.7890



# Rectangle

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



110.9840, 4.9379, 96.4840



114.2460, -43.0123, 76.0833



100.3110, 11.1857, -87.9727



108.6960, 50.9289, -95.3264

# Sweetspot

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



110.9840, 4.9379, 96.4840



216.3770, 1.7861, 33.8724



101.4540, 58.9362, 43.4518



104.3600, 0.8085, 20.7323



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.



110.9840, 4.9379, 96.4840



103.0840, 6.8606, 133.2303



111.4500, -28.8158, 96.0754



102.7450, 0.1257, 6.3626



59.7070, 5.0744, 99.3580



15.9200, 1.5184, 26.3802



# Inverse Universe

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



110.9840, 4.9379, 96.4840



103.0840, 6.8606, 133.2303



162.5500, 28.8158, -96.0754



102.7450, 0.1257, 6.3626



59.7070, 5.0744, 99.3580

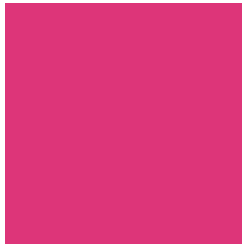


15.9200, 1.5184, 26.3802



# Previews

## White Background



This preview shows how the YUV color 110.9840, 4.9379, 96.4840 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

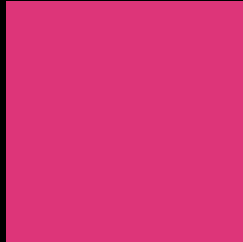
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 110.9840, 4.9379, 96.4840 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

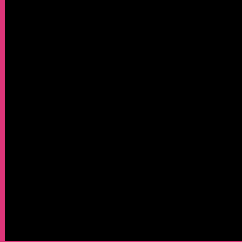
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 110.9840, 4.9379, 96.4840

## Background



This preview shows how black text looks on a background with the YUV color 110.9840, 4.9379, 96.4840.



This preview shows how white text looks on a background with the YUV color 110.9840, 4.9379,



# 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

110.9840, 4.9379, 96.4840

### Protanopia

122.5700, 18.9460, -10.1469

### Deuteranopia

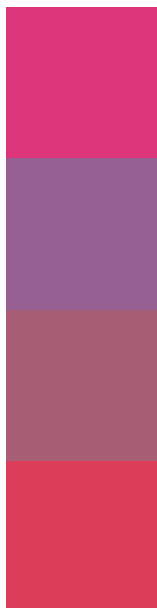
123.1110, -4.9847, 12.1807



## Tritanopia

112.4910, -20.9481, 92.5314

# Trichromacy



## Original Color

110.9840, 4.9379, 96.4840

## Protanomaly

118.1450, 13.7325, 28.8138

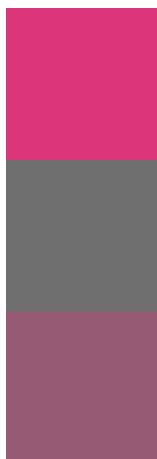
## Deuteranomaly

118.6340, -1.2986, 43.2940

## Tritanomaly

112.0210, -11.3494, 93.8206

# Monochromacy



## Original Color

110.9840, 4.9379, 96.4840

## Achromatopsia

111.0000, 0.0000, 0.0000

## Achromatomaly

111.0890, 1.9281, 35.0019

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 110.9840, 4.9379, 96.4840 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(221, 53, 121)` looks like.

```
.text, #text, p{  
    color:rgb(221, 53, 121)  
}
```

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(221, 53, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 53, 121) }
```

## Border

The CSS property to change the border of an element to YUV 110.9840, 4.9379, 96.4840 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(221, 53, 121) }
```



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

```
.border{ border-color:rgb(221, 53, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 53, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 53, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 53, 121);  
box-shadow:4px 4px 4px 4px rgb(221, 53,  
121) }
```

# Background

The CSS property to change the background color of an element to YUV 110.9840, 4.9379, 96.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 53, 121) }
```

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

```
.background{ background-color: rgb(221, 53,  
121) }
```

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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