

# Converting Colors

YUV(100.7970, 11.9321,  
93.1400)

Have a look what the booklet for  
YUV(100.7970, 11.9321, 93.1400)  
contains.

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# Color

**YUV(100.7970, 11.9321,  
93.1400)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF2A7D
RGB	207, 42, 125
RGB Percent	81%, 16%, 49%
CMY	0.1882, 0.8353, 0.5098
CMYK	0.00, 0.80, 0.40, 0.19
HSL	330°, 66%, 49%
HSV	330°, 80%, 81%
XYZ	30.2618, 16.4020, 20.9730
YIQ	100.7970, 71.6970, 60.7930

# Conversions

## Conversions Part 2

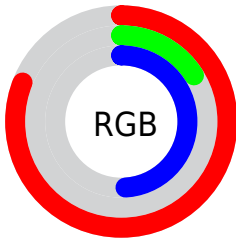
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 42, 125
Decimal	13576829
CIE <sub>Lab</sub>	47.50, 67.72, -6.03
CIE <sub>LCh</sub>	47, 67.991, 354.916
Yxy	16.4020, 0.4474, 0.2425
Android (android.graphics.Color)	4291766909 (0xFFCF2A7D)
YUV	100.7970, 11.9321, 93.1400
Hunter-Lab	40.4994, 62.5041, -2.3543

# Details

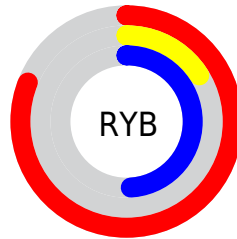
The YUV color **100.7970, 11.9321, 93.1400** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **148.2030, -11.9321, -93.1400**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.1720, 9.7752, 84.9182**, and **52.6170, 11.5278, 82.7739** is the 20% darker color. If you saturate the color by 10%, you get **87.3300, 13.6413, 104.9506**, and if you desaturate by 10%, it is **114.2640, 10.2228, 81.3295**.

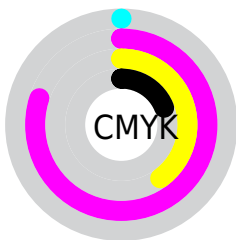
# Distribution



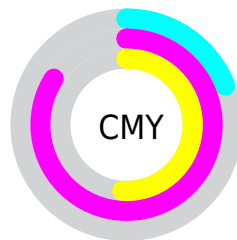
- Red (81%)
- Green (16%)
- Blue (49%)



- Red (81%)
- Yellow (16%)
- Blue (49%)



- Cyan (0%)
- Magenta (80%)
- Yellow (40%)
- Black (19%)




- Cyan (19%)
- Magenta (84%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 100.7970, 11.9321, 93.1400 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 100.7970, 11.9321, 93.1400 by changing the saturation by 10% instead.





 100.7970, 11.9321,  
93.1400


 100.7970, 11.9321,  
93.1400


255.0000, 0.0000,  
0.0000


 64.3230, 17.5888,  
98.8177


 158.1720, 9.7752,  
84.9182


 52.6170, 11.5278,  
82.7739


 178.2730, 13.1764,  
67.2896


 41.4380, 6.1931,  
67.1449


 198.4880, 17.0144,  
49.5610

 30.3730, 1.2951,  
51.4159

 218.6060, 17.9422,  
31.9175

 19.3360, -6.0816,  
37.4163

 235.6290, 9.5499,  
16.9884

 8.1870, -3.5432,  
16.4990

 253.2390, 0.8682,

 0.0000, 0.0000,

1.5444

0.0000

■ 100.7970, 11.9321,  
93.1400

■ 100.7970, 11.9321,  
93.1400

■ 87.3300, 13.6413,  
104.9506

■ 114.2640, 10.2228,  
81.3295

■ 74.3360, 14.6244,  
116.3463

■ 127.2580, 9.2398,  
69.9337

■ 73.7490, 14.9137,  
116.8611

■ 140.7250, 7.5306,  
58.1232

■ 154.1920, 5.8213,  
46.3126

■ 167.6590, 4.1121,  
34.5021

■ 180.6530, 3.1291,  
23.1063

■ 194.1200, 1.4198,  
11.2958

■ 207.5870, -0.2894,  
-0.5148

■ 220.5810, -1.2724,  
-11.9105

# Harmonies

## Analogous

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



113.2120, 32.4335, 50.6801



100.7970, 11.9321, 93.1400



100.4790, -16.0121, 96.0499

# Triad

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



100.7970, 11.9321, 93.1400



99.6980, -49.1511, -8.5051



102.1420, 51.2020, -89.5785

# Complementary

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



100.7970, 11.9321, 93.1400



148.2030, -11.9321, -93.1400

# 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.



99.2460, 29.9517, -87.0387



100.7970, 11.9321, 93.1400



82.6310, -21.0171, -72.4674

# Square

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



100.7970, 11.9321, 93.1400



106.1640, -52.3389, 34.0592



91.9330, 4.4700, -80.6252



98.1930, 63.9949, -86.1153



# Rectangle

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



100.7970, 11.9321, 93.1400



103.9290, -35.4610, 80.7463



91.9330, 4.4700, -80.6252



101.8340, 44.9448, -89.3084

# Sweetspot

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



100.7970, 11.9321, 93.1400



215.7730, 4.5489, 34.4021



84.7300, 60.2791, 32.6858



104.1150, 2.4083, 20.9471



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.



100.7970, 11.9321, 93.1400



97.2770, 17.6114, 138.3231



91.6770, -23.0118, 101.1383



97.8590, 0.5625, 6.2627



59.9220, 12.3635, 94.7844



14.6530, 3.1291, 23.1063



# Inverse Universe

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



100.7970, 11.9321, 93.1400



97.2770, 17.6114, 138.3231



157.3230, 23.0118, -101.1383



97.8590, 0.5625, 6.2627



59.9220, 12.3635, 94.7844



14.6530, 3.1291, 23.1063



# Previews

## White Background



This preview shows how the YUV color 100.7970, 11.9321, 93.1400 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 100.7970, 11.9321, 93.1400 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

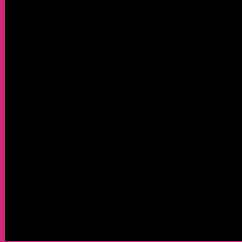
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 100.7970, 11.9321, 93.1400

## Background



This preview shows how black text looks on a background with the YUV color 100.7970, 11.9321, 93.1400.



This preview shows how white text looks on a background with the YUV color 100.7970, 11.9321, 93.1400.



# 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

100.7970, 11.9321, 93.1400

### Protanopia

113.1160, 27.5508, -16.7647

### Deuteranopia

114.6850, 1.1413, 7.2923



## Tritanopia

103.8000, -19.6214, 86.9984

# Trichromacy



## Original Color

100.7970, 11.9321, 93.1400

## Protanomaly

108.8760, 21.7531, 22.9107

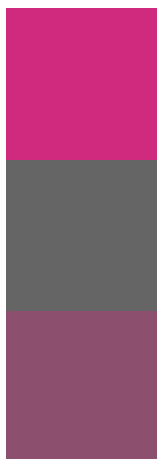
## Deuteranomaly

109.6210, 5.1168, 38.9204

## Tritanomaly

102.4980, -8.1335, 89.0173

# Monochromacy



## Original Color

100.7970, 11.9321, 93.1400

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

101.3600, 4.2595, 33.8873

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 100.7970, 11.9321, 93.1400 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, 42, 125)` looks like.

```
.text, #text, p{  
    color:rgb(207, 42, 125)  
}
```

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, 42, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 42, 125) }
```

## Border

The CSS property to change the border of an element to YUV 100.7970, 11.9321, 93.1400 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, 42, 125) }
```



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

```
.border{ border-color:rgb(207, 42, 125) }
```

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

Here you see how a box with a 4 pixel rgb(207, 42, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 42, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 42, 125);  
box-shadow:4px 4px 4px 4px rgb(207, 42,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 100.7970, 11.9321, 93.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 42, 125) }
```

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

```
.background{ background-color: rgb(207, 42,  
125) }
```

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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