

# Converting Colors

YUV(76.6700, 21.3617,  
102.0214)

Have a look what the booklet for  
YUV(76.6700, 21.3617, 102.0214)  
contains.

<b>YUV(76.6700, 21.3617, 102.0214)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(76.6700, 21.3617,  
102.0214)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C10978
RGB	193, 9, 120
RGB Percent	76%, 4%, 47%
CMY	0.2431, 0.9647, 0.5294
CMYK	0.00, 0.95, 0.38, 0.24
HSL	324°, 91%, 40%
HSV	324°, 95%, 76%
XYZ	25.4802, 12.8889, 18.9142
YIQ	76.6700, 74.0330, 73.5290

# Conversions

## Conversions Part 2

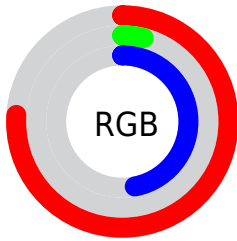
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 9, 120
Decimal	12650872
CIELab	42.60, 69.83, -10.57
CIELCh	43, 70.626, 351.395
Yxy	12.8889, 0.4448, 0.2250
Android (android.graphics.Color)	4290840952 (0xFFC10978)
YUV	76.6700, 21.3617, 102.0214
Hunter-Lab	35.9011, 63.8602, -6.1056

# Details

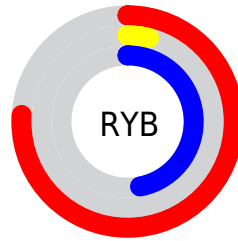
The YUV color **76.6700, 21.3617, 102.0214** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **125.3300, -21.3617, -102.0214**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2100, 12.2215, 93.6548**, and **48.2740, 11.6969, 75.1817** is the 20% darker color. If you saturate the color by 10%, you get **70.9310, 22.2190, 107.0545**, and if you desaturate by 10%, it is **88.7350, 19.3576, 91.4404**.

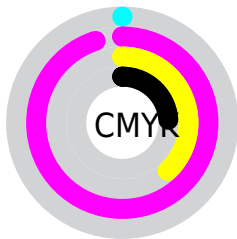
# Distribution



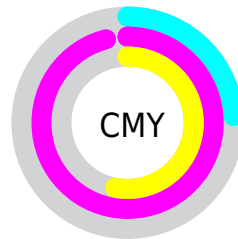
- Red (76%)
- Green (4%)
- Blue (47%)



- Red (76%)
- Yellow (4%)
- Blue (47%)



- Cyan (0%)
- Magenta (95%)
- Yellow (38%)
- Black (24%)




- Cyan (24%)
- Magenta (96%)
- Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 76.6700, 21.3617, 102.0214 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 76.6700, 21.3617, 102.0214 by changing the saturation by 10% instead.





 76.6700, 21.3617,  
102.0214


 76.6700, 21.3617,  
102.0214


255.0000, 0.0000,  
0.0000


 59.5670, 17.4685,  
90.7107


 147.2100, 12.2215,  
93.6548


 48.2740, 11.6969,  
75.1817


 168.3110, 15.6227,  
76.0263


 36.6820, 6.0728,  
59.0379

 188.5260, 19.4607,  
58.2977

 26.3290, 1.3168,  
44.4385

 208.6270, 22.8619,  
40.6691

 14.5800, -6.2019,  
29.3093

 226.2370, 14.1802,  
25.2252

 0.0000, 0.0000,  
0.0000

 243.8470, 5.4984,

■ 76.6700, 21.3617,  
102.0214

■ 76.6700, 21.3617,  
102.0214

■ 70.9310, 22.2190,  
107.0545

■ 88.7350, 19.3576,  
91.4404

■ 101.2730, 16.6274,  
80.4446

■ 113.3380, 14.6234,  
69.8636

■ 125.4030, 12.6193,  
59.2826

■ 137.3540, 10.1785,  
48.8015

■ 150.0060, 7.8850,  
37.7057

■ 162.0710, 5.8810,  
27.1247

■ 174.0220, 3.4402,  
16.6437

■ 186.6740, 1.1467,  
5.5479

# Harmonies

## Analogous

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



99.9170, 36.5229, 45.6768



76.6700, 21.3617, 102.0214



77.4230, -7.6035, 105.7460

# Triad

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



76.6700, 21.3617, 102.0214



89.3870, -44.0678, -5.6014



94.0890, 48.2701, -82.5161

# Complementary

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



76.6700, 21.3617, 102.0214



125.3300, -21.3617, -102.0214

# 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.



89.5630, 25.8514, -78.5468



76.6700, 21.3617, 102.0214



71.8080, -29.4853, -62.9756

# Square

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



76.6700, 21.3617, 102.0214



94.9670, -46.8187, 36.8629



82.0220, -0.5038, -71.9333



91.0690, 62.0840, -79.8675



# Rectangle

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



76.6700, 21.3617, 102.0214



88.2870, -31.6935, 85.6943



82.0220, -0.5038, -71.9333



92.9660, 41.4288, -81.5312

# Sweetspot

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



76.6700, 21.3617, 102.0214



203.8430, 8.4584, 40.4797



51.2050, 69.9049, 25.2532



97.2340, 5.3076, 24.3508



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6700, 21.3617, 102.0214



91.9640, 29.1047, 138.5976



66.4100, -17.9501, 111.0194



90.6740, 1.1467, 5.5479



59.1970, 18.6369, 89.2812



12.1470, 3.8715, 18.2881



# Inverse Universe

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



76.6700, 21.3617, 102.0214



91.9640, 29.1047, 138.5976



135.5900, 17.9501, -111.0194



90.6740, 1.1467, 5.5479



59.1970, 18.6369, 89.2812



12.1470, 3.8715, 18.2881



# Previews

## White Background



This preview shows how the YUV color 76.6700, 21.3617, 102.0214 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

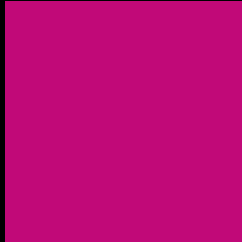
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 76.6700, 21.3617, 102.0214 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

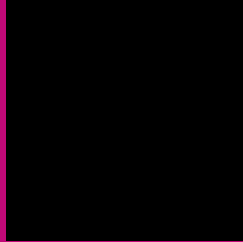
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 76.6700, 21.3617, 102.0214

## Background



This preview shows how black text looks on a background with the YUV color 76.6700, 21.3617, 102.0214.



This preview shows how white text looks on a background with the YUV color 76.6700, 21.3617,



# 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

76.6700, 21.3617, 102.0214

### Protanopia

100.0210, 34.9926, -23.6974

### Deuteranopia

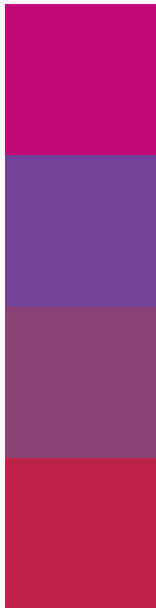
103.7600, 4.0623, 3.7185



## Tritanopia

90.3870, -19.9108, 86.4836

# Trichromacy



## Original Color

76.6700, 21.3617, 102.0214

## Protanomaly

91.6400, 29.7575, 22.2407

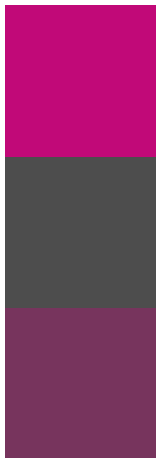
## Deuteranomaly

94.0000, 10.3530, 39.4650

## Tritanomaly

85.3180, -5.0868, 91.8061

# Monochromacy



## Original Color

76.6700, 21.3617, 102.0214

## Achromatopsia

77.0000, 0.0000, 0.0000

## Achromatomaly

76.7070, 8.0324, 37.0910

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 76.6700, 21.3617, 102.0214 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(193, 9, 120)` looks like.

```
.text, #text, p{  
    color:rgb(193, 9, 120)  
}
```

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(193, 9, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 9, 120) }
```

## Border

The CSS property to change the border of an element to YUV 76.6700, 21.3617, 102.0214 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(193, 9, 120) }
```



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

```
.border{ border-color:rgb(193, 9, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 9, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 9, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 9, 120);  
box-shadow:4px 4px 4px 4px rgb(193, 9,  
120) }
```

# Background

The CSS property to change the background color of an element to YUV 76.6700, 21.3617, 102.0214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 9, 120) }
```

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

```
.background{ background-color: rgb(193, 9,  
120) }
```

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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