

# Converting Colors

YUV(91.2910, 39.7895,  
118.1398)

Have a look what the booklet for  
YUV(91.2910, 39.7895, 118.1398)  
contains.

<b>YUV(91.2910, 39.7895, 118.1398)</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(91.2910, 39.7895,  
118.1398)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E207AC
RGB	226, 7, 172
RGB Percent	89%, 3%, 67%
CMY	0.1137, 0.9725, 0.3255
CMYK	0.00, 0.97, 0.24, 0.11
HSL	315°, 94%, 46%
HSV	315°, 97%, 89%
XYZ	38.8864, 19.2993, 40.7053
YIQ	91.2910, 77.5590, 97.7430

# Conversions

## Conversions Part 2

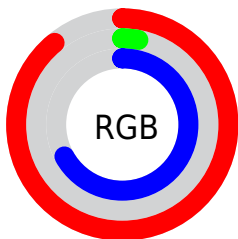
<b>Format</b>	<b>Color</b>
<b>RYB</b>	226, 7, 172
Decimal	14813100
CIELab	51.04, 82.24, -28.50
CIELCh	51, 87.036, 340.887
Yxy	19.2993, 0.3932, 0.1952
Android (android.graphics.Color)	4293003180 (0xFFE207AC)
YUV	91.2910, 39.7895, 118.1398
Hunter-Lab	43.9309, 81.1240, -24.1850

# Details

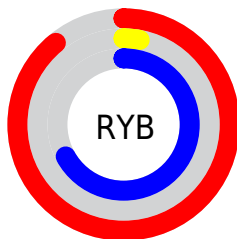
The YUV color **91.2910, 39.7895, 118.1398** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **141.7090, -39.7895, -118.1398**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.1760, 33.9302, 84.0376**, and **62.9010, 27.6568, 89.5408** is the 20% darker color. If you saturate the color by 10%, you get **86.9540, 40.9417, 121.9433**, and if you desaturate by 10%, it is **105.4760, 35.7543, 105.6995**.

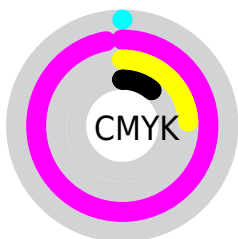
# Distribution



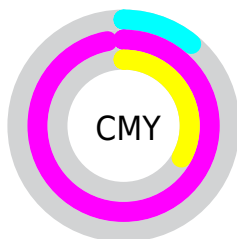
- Red (89%)
- Green (3%)
- Blue (67%)



- Red (89%)
- Yellow (3%)
- Blue (67%)



- Cyan (0%)
- Magenta (97%)
- Yellow (24%)
- Black (11%)




- Cyan (11%)
- Magenta (97%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 91.2910, 39.7895, 118.1398 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 91.2910, 39.7895, 118.1398 by changing the saturation by 10% instead.





 91.2910, 39.7895,  
118.1398


 91.2910, 39.7895,  
118.1398


255.0000, 0.0000,  
0.0000


 75.1340, 34.4439,  
105.9995


 159.1760, 33.9302,  
84.0376


 62.9010, 27.6568,  
89.5408

 180.4510, 36.7527,  
65.3795


 51.3800, 21.0117,  
74.2117


 198.6480, 27.7815,  
49.4207

 39.6740, 14.9507,  
58.1679

 216.2580, 19.0998,  
33.9767

 29.0930, 9.3212,  
43.7684

 233.8680, 10.4181,  
18.5328

 17.6150, 4.1338,  
27.5246

 252.0650, 1.4470,

 0.2990, -0.1474,

2.5740

0.6148

■ 0.0000, 0.0000,  
0.0000

■ 91.2910, 39.7895,  
118.1398

■ 91.2910, 39.7895,  
118.1398

■ 86.9540, 40.9417,  
121.9433

■ 105.4760, 35.7543,  
105.6995

■ 118.9600, 31.5717,  
93.8741

■ 133.1450, 27.5365,  
81.4338

■ 146.6290, 23.3539,  
69.6084

■ 160.8140, 19.3187,  
57.1681

■ 174.8850, 14.8467,  
44.8279

■ 188.4830, 11.1009,  
32.9024

■ 202.6680, 7.0657,  
20.4622

■ 216.1520, 2.8831,  
8.6367

# Harmonies

## Analogous

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



122.5460, 55.9328, 26.7082



91.2910, 39.7895, 118.1398



85.0250, 6.3967, 142.0521

# Triad

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



91.2910, 39.7895, 118.1398



111.6250, -55.0311, 10.8529



113.4890, 51.5239, -99.5299

# Complementary

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



91.2910, 39.7895, 118.1398



141.7090, -39.7895, -118.1398

# 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.



106.0960, 20.6587, -93.0462



91.2910, 39.7895, 118.1398



85.7460, -42.2728, -68.1832

# Square

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



91.2910, 39.7895, 118.1398



114.3140, -56.3568, 62.8686



95.3290, -12.9802, -83.6035



113.0110, 70.0006, -99.1106



# Rectangle

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



91.2910, 39.7895, 118.1398



91.8360, -20.6251, 129.0628



95.3290, -12.9802, -83.6035



111.6820, 42.0618, -97.9451

# Sweetspot

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



91.2910, 39.7895, 118.1398



209.5100, 13.5526, 39.8947



47.2150, 88.1410, 9.4584



100.2170, 7.7810, 24.3657



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.



91.2910, 39.7895, 118.1398



98.1330, 46.2764, 137.5724



79.0930, -6.9478, 128.8374



105.2010, 1.8729, 5.9627



67.7860, 32.1505, 94.9037



18.5700, 9.0860, 25.8101



# Inverse Universe

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



91.2910, 39.7895, 118.1398



98.1330, 46.2764, 137.5724



153.9070, 6.9478, -128.8374



105.2010, 1.8729, 5.9627



67.7860, 32.1505, 94.9037



18.5700, 9.0860, 25.8101



# Previews

## White Background



This preview shows how the YUV color 91.2910, 39.7895, 118.1398 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

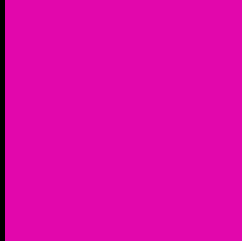
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 91.2910, 39.7895, 118.1398 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

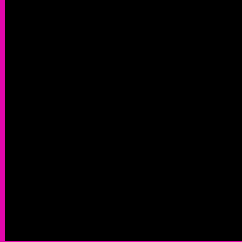
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 91.2910, 39.7895, 118.1398

## Background



This preview shows how black text looks on a background with the YUV color 91.2910, 39.7895, 118.1398.



This preview shows how white text looks on a background with the YUV color 91.2910, 39.7895,



# 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

91.2910, 39.7895, 118.1398

### Protanopia

110.2270, 65.9501, -59.8351

### Deuteranopia

123.4670, 18.5038, -8.3026



## Tritanopia

113.1920, -20.8007, 91.9166

# Trichromacy



## Original Color

91.2910, 39.7895, 118.1398



## Protanomaly

103.2290, 56.5821, 5.0612



## Deuteranomaly

112.1150, 26.0723, 37.6101



## Tritanomaly

105.3930, 1.2853, 101.3873

# Monochromacy



## Original Color

91.2910, 39.7895, 118.1398



## Achromatopsia

91.0000, 0.0000, 0.0000



## Achromatomaly

90.7600, 14.4153, 43.1835

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 91.2910, 39.7895, 118.1398 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(226, 7, 172)` looks like.

```
.text, #text, p{  
    color:rgb(226, 7, 172)  
}
```

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(226, 7, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 7, 172) }
```

## Border

The CSS property to change the border of an element to YUV 91.2910, 39.7895, 118.1398 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(226, 7, 172) }
```



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

```
.border{ border-color:rgb(226, 7, 172) }
```

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

Here you see how a box with a 4 pixel rgb(226, 7, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 7, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 7, 172);  
box-shadow:4px 4px 4px 4px rgb(226, 7,  
172) }
```

# Background

The CSS property to change the background color of an element to YUV 91.2910, 39.7895, 118.1398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 7, 172) }
```

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

```
.background{ background-color: rgb(226, 7,  
172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**