

# Converting Colors

YUV(91.3330, 5.7518, 115.4720)

Have a look what the booklet for  
YUV(91.3330, 5.7518, 115.4720)  
contains.

<b>YUV(91.3330, 5.7518, 115.4720)</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(91.3330, 5.7518,  
115.4720)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF1667
RGB	223, 22, 103
RGB Percent	87%, 9%, 40%
CMY	0.1255, 0.9137, 0.5961
CMYK	0.00, 0.90, 0.54, 0.13
HSL	336°, 82%, 48%
HSV	336°, 90%, 87%
XYZ	33.1665, 17.2411, 14.4118
YIQ	91.3330, 93.7950, 67.8030

# Conversions

## Conversions Part 2

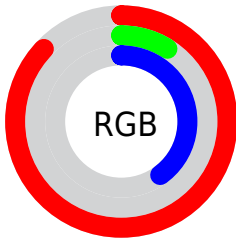
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	223, 22, 103
Decimal	14620263
CIE Lab	48.56, 73.73, 9.39
CIE LCh	49, 74.321, 7.258
Yxy	17.2411, 0.5117, 0.2660
Android (android.graphics.Color)	4292810343 (0xFFDF1667)
YUV	91.3330, 5.7518, 115.4720
Hunter-Lab	41.5224, 69.9150, 8.4870

# Details

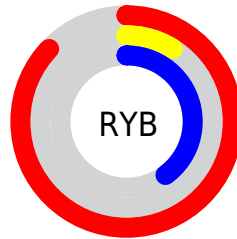
The YUV color **91.3330, 5.7518, 115.4720** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **153.6670, -5.7518, -115.4720**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.3270, 1.3178, 90.9212**, and **54.6370, 1.1650, 93.2804** is the 20% darker color. If you saturate the color by 10%, you get **76.9370, 6.4401, 128.0973**, and if you desaturate by 10%, it is **105.7290, 5.0636, 102.8467**.

# Distribution



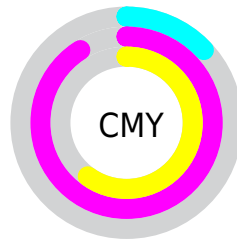
- Red (87%)
- Green (9%)
- Blue (40%)



- Red (87%)
- Yellow (9%)
- Blue (40%)



- Cyan (0%)
- Magenta (90%)
- Yellow (54%)
- Black (13%)




- Cyan (13%)
- Magenta (91%)
- Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 91.3330, 5.7518, 115.4720 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 91.3330, 5.7518, 115.4720 by changing the saturation by 10% instead.




 91.3330, 5.7518,  
115.4720


 91.3330, 5.7518,  
115.4720


255.0000, 0.0000,  
0.0000


 66.4140, 6.2049,  
110.1389


 151.3270, 1.3178,  
90.9212


 54.6370, 1.1650,  
93.2804


 171.9010, 3.9928,  
72.8778


 42.9740, -3.4382,  
76.3218


 192.1160, 7.8308,  
55.1493

 31.4960, -8.6255,  
60.0780

 212.9180, 11.3794,  
36.9059

 21.6850, -8.7187,  
43.2493

 232.6940, 10.9969,  
19.5624

 11.4760, -5.1647,  
23.2615

 250.3040, 2.3151,

 0.0000, 0.0000,

4.1184

0.0000

■ 91.3330, 5.7518,  
115.4720

■ 91.3330, 5.7518,  
115.4720

■ 76.9370, 6.4401,  
128.0973

■ 105.7290, 5.0636,  
102.8467

■ 120.8260, 4.5228,  
89.6066

■ 135.2220, 3.8346,  
76.9813

■ 149.6180, 3.1463,  
64.3560

■ 164.7150, 2.6055,  
51.1159

■ 179.1110, 1.9173,  
38.4907

■ 193.5070, 1.2290,  
25.8654

■ 208.0170, 0.9776,  
13.1401

■ 223.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



107.9600, 28.1207, 80.7191



91.3330, 5.7518, 115.4720



102.5210, -29.8369, 96.8901

# Triad

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



91.3330, 5.7518, 115.4720



93.9290, -46.3070, -34.1407



105.6930, 62.2694, -92.6928

# Complementary

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



91.3330, 5.7518, 115.4720



153.6670, -5.7518, -115.4720

# 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.



104.5410, 42.6243, -91.6825



91.3330, 5.7518, 115.4720



88.7750, -12.7071, -77.8557

# Square

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



91.3330, 5.7518, 115.4720



107.2390, -52.8688, 17.3304



98.1740, 15.6902, -86.0986



97.4410, 71.2676, -85.4558



# Rectangle

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



91.3330, 5.7518, 115.4720



105.8300, -52.1742, 74.6941



98.1740, 15.6902, -86.0986



106.2000, 56.5964, -93.1374

# Sweetspot

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



91.3330, 5.7518, 115.4720



209.8230, 2.0593, 39.6202



79.8970, 70.5498, 51.8333



101.0830, 0.9451, 23.6062



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.



91.3330, 5.7518, 115.4720



87.9870, 7.4014, 146.4704



92.0780, -34.5485, 114.8186



104.8590, 0.5625, 6.2627



60.7180, 5.0690, 101.1023



16.6320, 1.6604, 27.5097



# Inverse Universe

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



91.3330, 5.7518, 115.4720



87.9870, 7.4014, 146.4704



152.9220, 34.5485, -114.8186



104.8590, 0.5625, 6.2627



60.7180, 5.0690, 101.1023



16.6320, 1.6604, 27.5097



# Previews

## White Background



This preview shows how the YUV color 91.3330, 5.7518, 115.4720 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 91.3330, 5.7518, 115.4720 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 91.3330, 5.7518, 115.4720

## Background



This preview shows how black text looks on a background with the YUV color 91.3330, 5.7518, 115.4720.



This preview shows how white text looks on a background with the YUV color 91.3330, 5.7518,



# 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

91.3330, 5.7518, 115.4720

### Protanopia

116.5550, 15.0094, -7.5027

### Deuteranopia

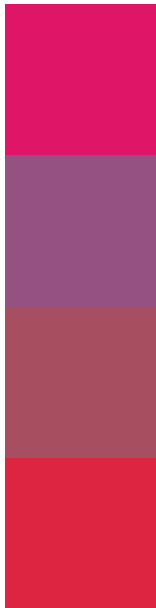
116.8250, -11.2527, 15.9395



## Tritanopia

97.3250, -25.7962, 107.5860

# Trichromacy



## Original Color

91.3330, 5.7518, 115.4720

## Protanomaly

107.3310, 11.6688, 37.4207

## Deuteranomaly

107.3640, -5.1095, 52.3008

## Tritanomaly

95.3220, -14.4557, 110.2196

# Monochromacy



## Original Color

91.3330, 5.7518, 115.4720

## Achromatopsia

91.0000, 0.0000, 0.0000

## Achromatomaly

91.1330, 1.9064, 41.9794

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 91.3330, 5.7518, 115.4720 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(223, 22, 103)` looks like.

```
.text, #text, p{  
  color:rgb(223, 22, 103)  
}
```

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(223, 22, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 22, 103) }
```

## Border

The CSS property to change the border of an element to YUV 91.3330, 5.7518, 115.4720 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(223, 22, 103) }
```



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

```
.border{ border-color:rgb(223, 22, 103) }
```

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

Here you see how a box with a 4 pixel rgb(223, 22, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 22, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 22, 103);  
box-shadow:4px 4px 4px 4px rgb(223, 22,  
103) }
```

# Background

The CSS property to change the background color of an element to YUV 91.3330, 5.7518, 115.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 22, 103) }
```

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

```
.background{ background-color: rgb(223, 22,  
103) }
```

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