

# Converting Colors

YUV(122.9400, 11.8616,  
115.8166)

Have a look what the booklet for  
YUV(122.9400, 11.8616, 115.8166)  
contains.

<b>YUV(122.9400, 11.8616, 115.8166)</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(122.9400, 11.8616,  
115.8166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF3393
RGB	255, 51, 147
RGB Percent	100%, 20%, 58%
CMY	0.0000, 0.8000, 0.4235
CMYK	0.00, 0.80, 0.42, 0.00
HSL	332°, 100%, 60%
HSV	332°, 80%, 100%
XYZ	47.6903, 25.7342, 30.0574
YIQ	122.9400, 90.7680, 73.1040

# Conversions

## Conversions Part 2

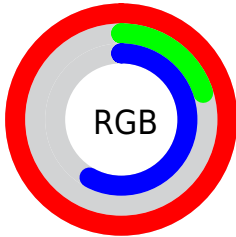
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 51, 147
Decimal	16724883
CIE Lab	57.78, 79.28, -3.01
CIE LCh	58, 79.337, 357.825
Yxy	25.7342, 0.4609, 0.2487
Android (android.graphics.Color)	4294914963 (0xFFFF3393)
YUV	122.9400, 11.8616, 115.8166
Hunter-Lab	50.7289, 79.0323, 0.3803

# Details

The YUV color **122.9400, 11.8616, 115.8166** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **183.0600, -11.8616, -115.8166**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0120, 15.7701, 75.4115**, and **68.4660, 14.0673, 108.3393** is the 20% darker color. If you saturate the color by 10%, you get **106.1960, 13.7074, 130.5011**, and if you desaturate by 10%, it is **139.7980, 10.4526, 101.0322**.

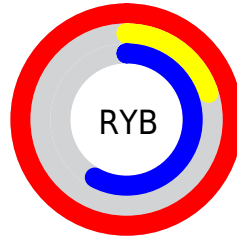
# Distribution



Red (100%)

Green (20%)

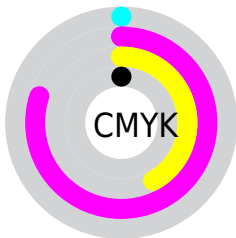
Blue (58%)



Red (100%)

Yellow (20%)

Blue (58%)

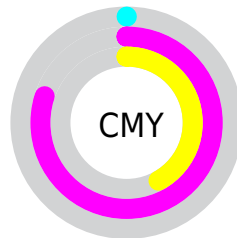


Cyan (0%)

Magenta (80%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (80%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.9400, 11.8616, 115.8166 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 122.9400, 11.8616, 115.8166 by changing the saturation by 10% instead.



122.9400, 11.8616,  
115.8166

122.9400, 11.8616,  
115.8166

255.0000, 0.0000,  
0.0000

80.4710, 19.9808,  
124.9979

169.0120, 15.7701,  
75.4115

68.4660, 14.0673,  
108.3393

189.8140, 19.3187,  
57.1681

56.4610, 8.1537,  
91.6807

210.3880, 21.9937,  
39.1247

44.9830, 2.9664,  
75.4369

227.9980, 13.3120,  
23.6808

33.6190, -1.7842,  
59.0931

246.1950, 4.3409,  
7.7220

22.2830, -9.0135,  
44.4788

12.0740, -5.4595,

24.4911

■ 0.0000, 0.0000,  
0.0000

■ 122.9400, 11.8616,  
115.8166

■ 122.9400, 11.8616,  
115.8166

■ 106.1960, 13.7074,  
130.5011

■ 139.7980, 10.4526,  
101.0322

■ 89.9250, 14.8270,  
144.7708

■ 155.9550, 8.8962,  
86.8625

■ 172.8130, 7.4872,  
72.0780

■ 188.9700, 5.9308,  
57.9083

■ 205.8280, 4.5218,  
43.1238

■ 221.9850, 2.9654,  
28.9542

■ 238.8430, 1.5564,  
14.1697

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



137.9890, 37.4734, 67.5386



122.9400, 11.8616, 115.8166



124.5800, -22.4709, 114.3783

# Triad

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



122.9400, 11.8616, 115.8166



120.9070, -59.6072, -14.8274



125.3380, 63.9234, -109.9214

# Complementary

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



122.9400, 11.8616, 115.8166



183.0600, -11.8616, -115.8166

# 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.



122.2310, 39.3261, -107.1966



122.9400, 11.8616, 115.8166



102.8800, -22.1258, -90.2258

# Square

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



122.9400, 11.8616, 115.8166



130.0860, -64.1324, 36.7586



113.6640, 9.0396, -99.6833



116.5330, 68.2642, -102.1994



# Rectangle

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



122.9400, 11.8616, 115.8166



128.6290, -47.1451, 95.0414



113.6640, 9.0396, -99.6833



124.9160, 57.2294, -109.5513

# Sweetspot

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



122.9400, 11.8616, 115.8166



215.5450, 3.6753, 34.6020



105.6510, 73.6291, 44.1561



104.0010, 1.9715, 21.0471



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.



122.9400, 11.8616, 115.8166



96.3650, 14.1171, 139.1229



113.7570, -30.9392, 123.8701



119.5710, 0.7045, 7.3922



67.3690, 11.1571, 108.4244



22.5560, 3.6699, 36.3464



# Inverse Universe

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



122.9400, 11.8616, 115.8166



96.3650, 14.1171, 139.1229



192.2430, 30.9392, -123.8701



119.5710, 0.7045, 7.3922



67.3690, 11.1571, 108.4244



22.5560, 3.6699, 36.3464



# Previews

## White Background



This preview shows how the YUV color 122.9400, 11.8616, 115.8166 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

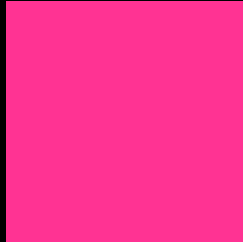
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 122.9400, 11.8616, 115.8166 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 122.9400, 11.8616, 115.8166 Background



This preview shows how black text looks on a background with the YUV color 122.9400, 11.8616, 115.8166.



This preview shows how white text looks on a background with the YUV color 122.9400, 11.8616, 115.8166.



# 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

122.9400, 11.8616, 115.8166

### Protanopia

138.8000, 30.1716, -17.3646

### Deuteranopia

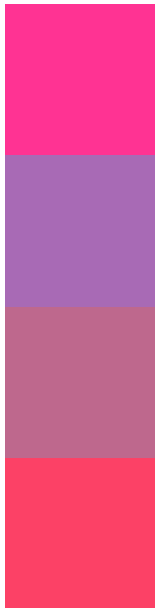
140.6100, -1.7797, 10.8660



## Tritanopia

126.5640, -24.9281, 109.1304

# Trichromacy



## Original Color

122.9400, 11.8616, 115.8166

## Protanomaly

133.0880, 23.6206, 30.6178

## Deuteranomaly

133.9320, 3.4845, 49.1716

## Tritanomaly

125.1310, -11.4036, 111.2641

# Monochromacy



## Original Color

122.9400, 11.8616, 115.8166

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

123.1160, 4.3798, 41.9943

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.9400, 11.8616, 115.8166 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(255, 51, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 147)  
}
```

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(255, 51, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 147) }
```

## Border

The CSS property to change the border of an element to YUV 122.9400, 11.8616, 115.8166 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(255, 51, 147) }
```



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

```
.border{ border-color:rgb(255, 51, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
147) }
```

# Background

The CSS property to change the background color of an element to YUV 122.9400, 11.8616, 115.8166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 147) }
```

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

```
.background{ background-color: rgb(255, 51,  
147) }
```

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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