

# Converting Colors

YUV(118.9600, 14.8097,  
103.5211)

Have a look what the booklet for  
YUV(118.9600, 14.8097, 103.5211)  
contains.

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# Color

**YUV(118.9600, 14.8097,  
103.5211)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED3595
RGB	237, 53, 149
RGB Percent	93%, 21%, 58%
CMY	0.0706, 0.7922, 0.4157
CMYK	0.00, 0.78, 0.37, 0.07
HSL	329°, 84%, 57%
HSV	329°, 78%, 93%
XYZ	41.6230, 22.7207, 30.6255
YIQ	118.9600, 78.8480, 68.8640

# Conversions

## Conversions Part 2

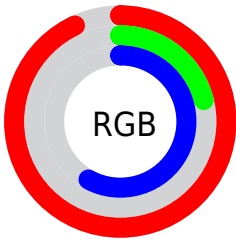
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	237, 53, 149
Decimal	15545749
CIE Lab	54.78, 74.59, -9.00
CIE LCh	55, 75.135, 353.121
Yxy	22.7207, 0.4383, 0.2392
Android (android.graphics.Color)	4293735829 (0xFFED3595)
YUV	118.9600, 14.8097, 103.5211
Hunter-Lab	47.6662, 72.4536, -4.7275

# Details

The YUV color **118.9600, 14.8097, 103.5211** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **171.0400, -14.8097, -103.5211**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6530, 16.9331, 75.7263**, and **63.7960, 16.8626, 98.4029** is the 20% darker color. If you saturate the color by 10%, you get **103.6180, 16.9503, 116.9760**, and if you desaturate by 10%, it is **134.3020, 12.6691, 90.0661**.

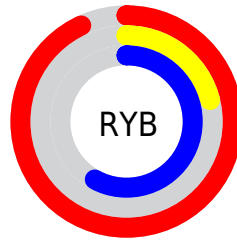
# Distribution



Red (93%)

Green (21%)

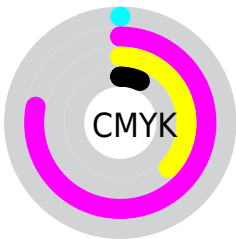
Blue (58%)



Red (93%)

Yellow (21%)

Blue (58%)

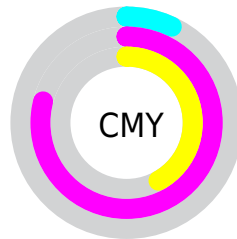


Cyan (0%)

Magenta (78%)

Yellow (37%)

Black (7%)



Cyan (7%)

Magenta (79%)


Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 118.9600, 14.8097, 103.5211 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 118.9600, 14.8097, 103.5211 by changing the saturation by 10% instead.





 118.9600, 14.8097,  
103.5211


 118.9600, 14.8097,  
103.5211


255.0000, 0.0000,  
0.0000


 75.6160, 23.3603,  
114.3468


 168.6530, 16.9331,  
75.7263


 63.7960, 16.8626,  
98.4029

 188.8680, 20.7711,  
57.9978


 52.2040, 11.2384,  
82.2591


 209.2140, 22.5725,  
40.1543

 40.6120, 5.6143,  
66.1153

 226.8240, 13.8908,  
24.7104

 29.5470, 0.7163,  
50.3863

 244.4340, 5.2090,  
9.2664

 17.8690, -7.8234,  
36.0719

 5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,  
0.0000

■ 118.9600, 14.8097,  
103.5211

■ 118.9600, 14.8097,  
103.5211

■ 103.6180, 16.9503,  
116.9760

■ 134.3020, 12.6691,  
90.0661

■ 88.7490, 18.3647,  
130.0161

■ 149.1710, 11.2547,  
77.0260

■ 84.9990, 19.2275,  
133.3049

■ 164.5130, 9.1141,  
63.5711

■ 179.8550, 6.9735,  
50.1162

■ 194.7240, 5.5591,  
37.0761

210.0660, 3.4185,  
23.6211

225.4080, 1.2779,  
10.1662

240.8640, -0.4260,  
-3.3887

249.1620, 0.9061,  
-10.6661

# Harmonies

## Analogous

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



132.1290, 38.3904, 53.3839



118.9600, 14.8097, 103.5211



117.2680, -15.9081, 109.3900

# Triad

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



118.9600, 14.8097, 103.5211



116.8310, -57.5977, -5.9908



118.3620, 57.5025, -103.8035

# Complementary

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



118.9600, 14.8097, 103.5211



171.0400, -14.8097, -103.5211

# 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.



113.9670, 33.0473, -99.9491



118.9600, 14.8097, 103.5211



94.8270, -25.0577, -83.1633

# Square

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



118.9600, 14.8097, 103.5211



123.3300, -60.8017, 41.8066



105.6280, 3.6344, -92.6358



113.5980, 69.7112, -99.6254



# Rectangle

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



118.9600, 14.8097, 103.5211



121.2080, -38.5565, 93.6566



105.6280, 3.6344, -92.6358



117.7120, 49.9350, -103.2334

# Sweetspot

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



118.9600, 14.8097, 103.5211



217.1750, 4.8437, 33.1725



99.6900, 67.6938, 34.4749



104.8160, 2.5557, 20.3324



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.



118.9600, 14.8097, 103.5211



102.9990, 19.2275, 133.3049



108.7000, -24.5021, 112.5191



109.9730, 0.9993, 6.1627



64.8350, 14.3783, 101.8767



19.3380, 4.2704, 30.3986



# Inverse Universe

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



118.9600, 14.8097, 103.5211



102.9990, 19.2275, 133.3049



181.3000, 24.5021, -112.5191



109.9730, 0.9993, 6.1627



64.8350, 14.3783, 101.8767



19.3380, 4.2704, 30.3986



# Previews

## White Background



This preview shows how the YUV color 118.9600, 14.8097, 103.5211 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

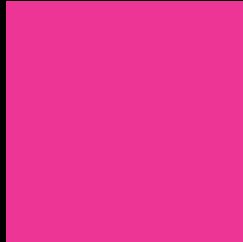
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 118.9600, 14.8097, 103.5211 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

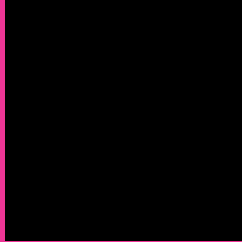
Any Text WCAG AA ✓ Pass

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 118.9600, 14.8097, 103.5211 Background



This preview shows how black text looks on a background with the YUV color 118.9600, 14.8097, 103.5211.



This preview shows how white text looks on a background with the YUV color 118.9600, 14.8097, 103.5211.



# 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

118.9600, 14.8097, 103.5211

### Protanopia

130.5160, 34.2556, -20.6235

### Deuteranopia

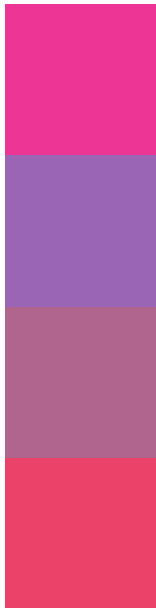
133.2550, 3.3253, 6.7924



## Tritanopia

121.6980, -21.5431, 96.7349

# Trichromacy



## Original Color

118.9600, 14.8097, 103.5211

## Protanomaly

125.9670, 27.1313, 24.5849

## Deuteranomaly

128.2130, 7.2900, 41.9092

## Tritanomaly

120.5640, -8.1661, 99.4834

# Monochromacy



## Original Color

118.9600, 14.8097, 103.5211

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

119.0230, 5.4117, 37.6908

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 118.9600, 14.8097, 103.5211 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(237, 53, 149)` looks like.

```
.text, #text, p{  
    color:rgb(237, 53, 149)  
}
```

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(237, 53, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 53, 149) }
```

## Border

The CSS property to change the border of an element to YUV 118.9600, 14.8097, 103.5211 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(237, 53, 149) }
```



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

```
.border{ border-color:rgb(237, 53, 149) }
```

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

Here you see how a box with a 4 pixel rgb(237, 53, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 53, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 53, 149);  
box-shadow:4px 4px 4px 4px rgb(237, 53,  
149) }
```

# Background

The CSS property to change the background color of an element to YUV 118.9600, 14.8097, 103.5211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 53, 149) }
```

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

```
.background{ background-color: rgb(237, 53,  
149) }
```

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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