

# Converting Colors

YUV(118.3770, 19.0411,  
99.6474)

Have a look what the booklet for  
YUV(118.3770, 19.0411, 99.6474)  
contains.

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# Color

**YUV(118.3770, 19.0411,  
99.6474)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E8359D
RGB	232, 53, 157
RGB Percent	91%, 21%, 62%
CMY	0.0902, 0.7922, 0.3843
CMYK	0.00, 0.77, 0.32, 0.09
HSL	325°, 80%, 56%
HSV	325°, 77%, 91%
XYZ	40.6376, 22.1363, 34.0292
YIQ	118.3770, 73.3000, 70.2920

# Conversions

## Conversions Part 2

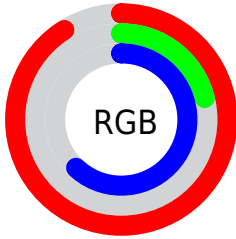
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">232, 53, 157</a>
Decimal	<a href="#">15218077</a>
CIELab	<a href="#">54.17, 74.21, -14.74</a>
CIELCh	<a href="#">54, 75.662, 348.766</a>
Yxy	<a href="#">22.1363, 0.4198, 0.2287</a>
Android (android.graphics.Color)	<a href="#">4293408157</a> ( <a href="#">0xFFE8359D</a> )
YUV	<a href="#">118.3770, 19.0411, 99.6474</a>
Hunter-Lab	<a href="#">47.0493, 71.8387, -9.9480</a>

# Details

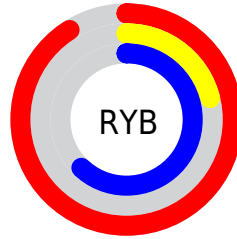
The YUV color **118.3770, 19.0411, 99.6474** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **166.6230, -19.0411, -99.6474**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.0920, 21.1536, 75.3413**, and **63.2130, 21.0940, 94.5292** is the 20% darker color. If you saturate the color by 10%, you get **103.7360, 21.3292, 112.4875**, and if you desaturate by 10%, it is **133.0180, 16.7531, 86.8072**.

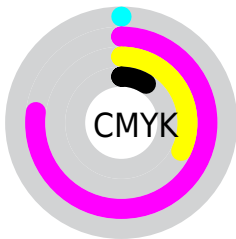
# Distribution



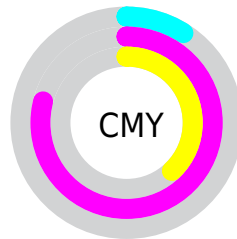
- Red (91%)
- Green (21%)
- Blue (62%)



- Red (91%)
- Yellow (21%)
- Blue (62%)



- Cyan (0%)
- Magenta (77%)
- Yellow (32%)
- Black (9%)




- Cyan (9%)
- Magenta (79%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 118.3770, 19.0411, 99.6474 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 118.3770, 19.0411, 99.6474 by changing the saturation by 10% instead.





 118.3770, 19.0411,  
99.6474


 118.3770, 19.0411,  
99.6474


255.0000, 0.0000,  
0.0000


 75.0330, 27.5917,  
110.4731


 169.0920, 21.1536,  
75.3413


 63.2130, 21.0940,  
94.5292


 189.8940, 24.7023,  
57.0980


 51.6920, 14.4488,  
79.2001


 208.6270, 22.8619,  
40.6691

 40.1000, 8.8247,  
63.0563

 226.2370, 14.1802,  
25.2252

 29.3340, 3.7793,  
47.9421

 243.8470, 5.4984,  
9.7812

 18.2260, -2.5764,  
33.1278

 4.4850, -2.2111,

9.2217

■ 0.0000, 0.0000,  
0.0000

■ 118.3770, 19.0411,  
99.6474

■ 118.3770, 19.0411,  
99.6474

■ 103.7360, 21.3292,  
112.4875

■ 133.0180, 16.7531,  
86.8072

■ 89.2090, 24.0540,  
125.2277

■ 147.5450, 14.0283,  
74.0670

■ 84.7580, 24.7693,  
129.1312

■ 162.7730, 11.4509,  
60.7121

■ 177.4140, 9.1629,  
47.8719

■ 192.0550, 6.8749,  
35.0318

206.5820, 4.1501,  
22.2916

221.2230, 1.8621,  
9.4514

236.4510, -0.7153,  
-3.9035

246.8690, -1.4144,  
-13.0401

# Harmonies

## Analogous

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



131.6870, 42.0593, 43.2475



118.3770, 19.0411, 99.6474



113.3700, -10.5354, 112.8085

# Triad

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



118.3770, 19.0411, 99.6474



116.8750, -57.6194, 0.9866



116.8630, 54.2975, -102.4889

# Complementary

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



118.3770, 19.0411, 99.6474



166.6230, -19.0411, -99.6474

# 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.



112.1260, 28.5319, -98.3345



118.3770, 19.0411, 99.6474



92.3560, -30.7415, -80.1192

# Square

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



118.3770, 19.0411, 99.6474



122.1890, -60.2392, 48.0692



103.2000, -0.5916, -90.5064



114.1850, 69.4218, -100.1402



# Rectangle

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



118.3770, 19.0411, 99.6474



118.7940, -33.9154, 98.4047



103.2000, -0.5916, -90.5064



116.0990, 46.2932, -101.8188

# Sweetspot

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



118.3770, 19.0411, 99.6474



217.5170, 6.1541, 32.8726



95.8310, 67.1313, 28.2122



105.1580, 3.8661, 20.0324



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.



118.3770, 19.0411, 99.6474



104.5950, 25.3427, 131.9052



108.2310, -19.8339, 108.5454



107.3860, 1.2887, 6.6775



65.3770, 19.0411, 99.6474



18.6690, 5.5862, 28.3543



# Inverse Universe

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



118.3770, 19.0411, 99.6474



104.5950, 25.3427, 131.9052



176.7690, 19.8339, -108.5454



107.3860, 1.2887, 6.6775



65.3770, 19.0411, 99.6474



18.6690, 5.5862, 28.3543



# Previews

## White Background



This preview shows how the YUV color 118.3770, 19.0411, 99.6474 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

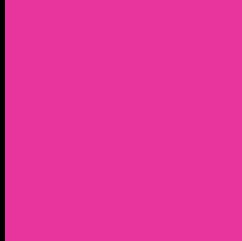
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 118.3770, 19.0411, 99.6474 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

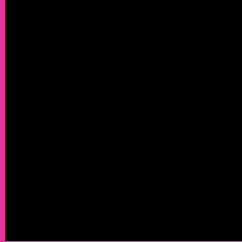
Any Text WCAG AA ✓ Pass

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 118.3770, 19.0411, 99.6474 Background



This preview shows how black text looks on a background with the YUV color 118.3770, 19.0411, 99.6474.



This preview shows how white text looks on a background with the YUV color 118.3770, 19.0411, 99.6474.



# 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

118.3770, 19.0411, 99.6474

### Protanopia

127.6770, 40.0922, -26.0267

### Deuteranopia

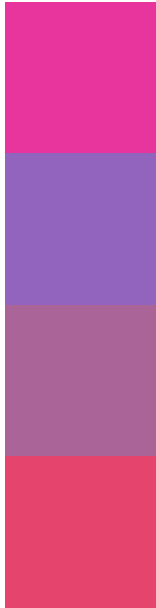
131.4870, 8.1409, 2.2039



## Tritanopia

122.3060, -20.3639, 91.8166

# Trichromacy



## Original Color

118.3770, 19.0411, 99.6474

## Protanomaly

124.3130, 32.3837, 19.8965

## Deuteranomaly

126.7440, 11.9582, 37.9355

## Tritanomaly

120.8130, -5.8238, 94.8800

# Monochromacy



## Original Color

118.3770, 19.0411, 99.6474

## Achromatopsia

118.0000, 0.0000, 0.0000

## Achromatomaly

117.7670, 7.0169, 36.1613

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 118.3770, 19.0411, 99.6474 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(232, 53, 157)` looks like.

```
.text, #text, p{  
    color:rgb(232, 53, 157)  
}
```

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(232, 53, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 53, 157) }
```

## Border

The CSS property to change the border of an element to YUV 118.3770, 19.0411, 99.6474 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(232, 53, 157) }
```



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

```
.border{ border-color:rgb(232, 53, 157) }
```

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

Here you see how a box with a 4 pixel rgb(232, 53, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 53, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 53, 157);  
box-shadow:4px 4px 4px 4px rgb(232, 53,  
157) }
```

# Background

The CSS property to change the background color of an element to YUV 118.3770, 19.0411, 99.6474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 53, 157) }
```

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

```
.background{ background-color: rgb(232, 53,  
157) }
```

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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