

# Converting Colors

YUV(93.4470, 26.4016,  
118.8800)

Have a look what the booklet for  
YUV(93.4470, 26.4016, 118.8800)  
contains.

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# Color

**YUV(93.4470, 26.4016,  
118.8800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E50E93
RGB	229, 14, 147
RGB Percent	90%, 5%, 58%
CMY	0.1020, 0.9451, 0.4235
CMYK	0.00, 0.94, 0.36, 0.10
HSL	323°, 88%, 48%
HSV	323°, 94%, 90%
XYZ	37.7366, 19.0787, 29.2974
YIQ	93.4470, 85.4470, 86.9430

# Conversions

## Conversions Part 2

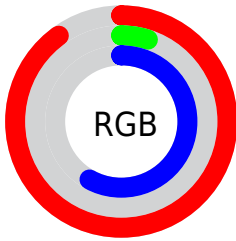
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 14, 147
Decimal	15011475
CIE <sub>Lab</sub>	50.78, 79.65, -13.98
CIE <sub>LCh</sub>	51, 80.866, 350.044
Yxy	19.0787, 0.4382, 0.2216
Android (android.graphics.Color)	4293201555 (0xFFE50E93)
YUV	93.4470, 26.4016, 118.8800
Hunter-Lab	43.6791, 77.7766, -9.1928

# Details

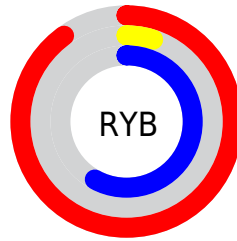
The YUV color **93.4470, 26.4016, 118.8800** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **149.5530, -26.4016, -118.8800**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.6850, 21.8473, 86.2223**, and **61.1760, 17.1682, 93.6846** is the 20% darker color. If you saturate the color by 10%, you get **84.6590, 28.2691, 126.5871**, and if you desaturate by 10%, it is **107.9740, 23.6768, 106.1398**.

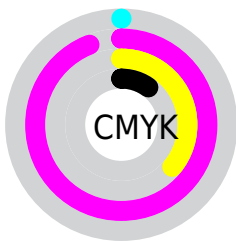
# Distribution



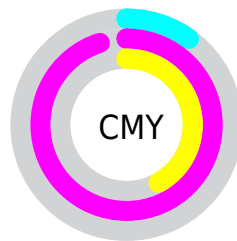
- Red (90%)
- Green (5%)
- Blue (58%)



- Red (90%)
- Yellow (5%)
- Blue (58%)



- Cyan (0%)
- Magenta (94%)
- Yellow (36%)
- Black (10%)



- Cyan (10%)
- Magenta (95%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 93.4470, 26.4016, 118.8800 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 93.4470, 26.4016, 118.8800 by changing the saturation by 10% instead.





 93.4470, 26.4016,  
118.8800


 93.4470, 26.4016,  
118.8800


255.0000, 0.0000,  
0.0000


 72.9960, 23.6660,  
109.6285


 156.6850, 21.8473,  
86.2223


 61.1760, 17.1682,  
93.6846

 178.0740, 25.1065,  
67.4641


 49.5840, 11.5441,  
77.5408


 198.6480, 27.7815,  
49.4207

 37.9920, 5.9199,  
61.3970

 216.2580, 19.0998,  
33.9767

 27.3400, 1.3114,  
46.1828

 233.8680, 10.4181,  
18.5328

 15.1780, -6.4968,  
30.5389

 252.0650, 1.4470,

 0.0000, 0.0000,

2.5740

0.0000

■ 93.4470, 26.4016,  
118.8800

■ 93.4470, 26.4016,  
118.8800

■ 84.6590, 28.2691,  
126.5871

■ 107.9740, 23.6768,  
106.1398

■ 122.3870, 20.5152,  
93.4996

■ 136.9140, 17.7904,  
80.7594

■ 151.4410, 15.0656,  
68.0192

■ 165.9680, 12.3408,  
55.2791

■ 179.7940, 9.4686,  
43.1537

■ 194.3210, 6.7437,  
30.4135

■ 208.8480, 4.0189,  
17.6733

■ 223.3750, 1.2941,  
4.9331

# Harmonies

## Analogous

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



120.7140, 44.5110, 50.2398



93.4470, 26.4016, 118.8800



91.6090, -6.2162, 127.5079

# Triad

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



93.4470, 26.4016, 118.8800



107.6940, -53.0931, -4.1166



112.1670, 56.6127, -98.3705

# Complementary

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



93.4470, 26.4016, 118.8800



149.5530, -26.4016, -118.8800

# 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.



107.0880, 29.5366, -93.9162



93.4470, 26.4016, 118.8800



84.8530, -37.8885, -74.4161

# Square

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



93.4470, 26.4016, 118.8800



114.2040, -56.3026, 45.4251



97.7060, -1.3341, -85.6882



109.4890, 71.7369, -96.0219



# Rectangle

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



93.4470, 26.4016, 118.8800



105.3710, -35.6789, 104.0376



97.7060, -1.3341, -85.6882



111.2890, 48.1715, -97.6005

# Sweetspot

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



93.4470, 26.4016, 118.8800



210.2450, 8.7532, 39.2501



62.1310, 82.2664, 27.0721



100.2340, 5.3076, 24.3508



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.



93.4470, 26.4016, 118.8800



94.2570, 31.4253, 140.9716



81.5910, -19.0254, 129.2777



107.3860, 1.2887, 6.6775



66.0610, 21.6619, 99.0475



18.8970, 6.4598, 28.1543



# Inverse Universe

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



93.4470, 26.4016, 118.8800



94.2570, 31.4253, 140.9716



161.4090, 19.0254, -129.2777



107.3860, 1.2887, 6.6775



66.0610, 21.6619, 99.0475



18.8970, 6.4598, 28.1543



# Previews

## White Background



This preview shows how the YUV color 93.4470, 26.4016, 118.8800 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

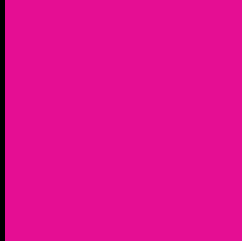
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 93.4470, 26.4016, 118.8800 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 93.4470, 26.4016, 118.8800

## Background



This preview shows how black text looks on a background with the YUV color 93.4470, 26.4016, 118.8800.



This preview shows how white text looks on a background with the YUV color 93.4470, 26.4016,



# 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

93.4470, 26.4016, 118.8800

### Protanopia

118.4960, 44.6185, -31.1300

### Deuteranopia

123.4440, 6.6831, 3.1186



## Tritanopia

108.5630, -23.4486, 101.2382

# Trichromacy



## Original Color

93.4470, 26.4016, 118.8800



## Protanomaly

109.4150, 37.7564, 23.3150



## Deuteranomaly

112.6570, 13.9731, 45.0278



## Tritanomaly

103.3030, -5.5724, 107.6053

# Monochromacy



## Original Color

93.4470, 26.4016, 118.8800



## Achromatopsia

93.0000, 0.0000, 0.0000



## Achromatomaly

92.9080, 9.9054, 43.0537

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.4470, 26.4016, 118.8800 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(229, 14, 147)` looks like.

```
.text, #text, p{  
    color:rgb(229, 14, 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(229, 14, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 14, 147) }
```

## Border

The CSS property to change the border of an element to YUV 93.4470, 26.4016, 118.8800 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(229, 14, 147) }
```



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

```
.border{ border-color:rgb(229, 14, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 14, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 14, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 14, 147); box-shadow:4px 4px 4px 4px rgb(229, 14, 147) }
```

# Background

The CSS property to change the background color of an element to YUV 93.4470, 26.4016, 118.8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 14, 147) }
```

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

```
.background{ background-color: rgb(229, 14,  
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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