

# Converting Colors

YUV(147.9640, -4.9123,  
82.4696)

Have a look what the booklet for  
YUV(147.9640, -4.9123, 82.4696)  
contains.

<b>YUV(147.9640, -4.9123, 82.4696)</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(147.9640, -4.9123,  
82.4696)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2668A
RGB	242, 102, 138
RGB Percent	95%, 40%, 54%
CMY	0.0510, 0.6000, 0.4588
CMYK	0.00, 0.58, 0.43, 0.05
HSL	345°, 84%, 67%
HSV	345°, 58%, 95%
XYZ	45.9568, 30.2150, 27.4546
YIQ	147.9640, 71.8840, 40.8760

# Conversions

## Conversions Part 2

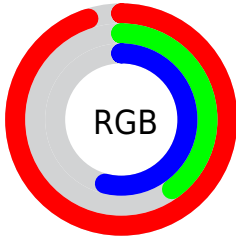
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 102, 138
Decimal	15885962
CIE Lab	61.84, 56.93, 7.85
CIE LCh	62, 57.466, 7.855
Yxy	30.2150, 0.4435, 0.2916
Android (android.graphics.Color)	4294076042 (0xFF F2668A)
YUV	147.9640, -4.9123, 82.4696
Hunter-Lab	54.9681, 53.0428, 8.8644

# Details

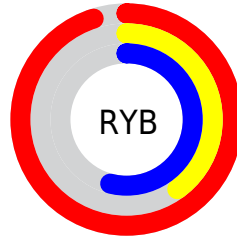
The YUV color **147.9640, -4.9123, 82.4696** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **196.0360, 4.9123, -82.4696**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7650, 0.1159, 56.3341**, and **89.9790, -0.9756, 79.8254** is the 20% darker color. If you saturate the color by 10%, you get **131.8240, -5.8292, 96.6244**, and if you desaturate by 10%, it is **164.1040, -3.9953, 68.3148**.

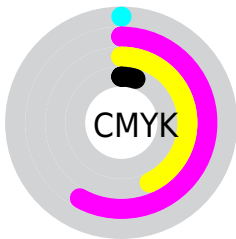
# Distribution



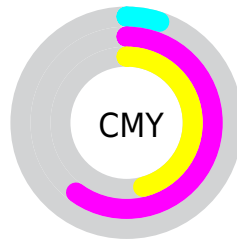
- Red (95%)
- Green (40%)
- Blue (54%)



- Red (95%)
- Yellow (40%)
- Blue (54%)



- Cyan (0%)
- Magenta (58%)
- Yellow (43%)
- Black (5%)



- Cyan (5%)
- Magenta (60%)
- Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 147.9640, -4.9123, 82.4696 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 147.9640, -4.9123, 82.4696 by changing the saturation by 10% instead.





 147.9640, -4.9123,  
82.4696

 147.9640, -4.9123,  
82.4696

255.0000, 0.0000,  
0.0000

 119.4090, -3.1596,  
80.3253

 190.7650, 0.1159,  
56.3341


 89.9790, -0.9756,  
79.8254


 210.3930, 4.2433,  
39.1203


 52.8580, 5.9860,  
86.9475

 230.7220, 8.5181,  
21.2918

 41.3800, 0.7987,  
70.7037

 249.1300, 2.8939,  
5.1480

 30.7280, -3.8099,  
55.4895

 20.2610, -9.0027,  
40.9901

 10.5790, -4.7224,

21.4172

■ 0.0000, 0.0000,  
0.0000

■ 147.9640, -4.9123,  
82.4696

■ 147.9640, -4.9123,  
82.4696

■ 131.8240, -5.8292,  
96.6244

■ 164.1040, -3.9953,  
68.3148

■ 115.6840, -6.7462,  
110.7791

■ 180.2440, -3.0783,  
54.1600

■ 98.9570, -7.3738,  
125.4487

■ 196.9710, -2.4507,  
39.4904

■ 82.8170, -8.2908,  
139.6035

■ 213.1110, -1.5337,  
25.3357

■ 79.4260, -8.5910,  
142.5774

■ 229.2510, -0.6167,  
11.1809

■ 245.3910, 0.3002,  
-2.9739

■ 251.1130, 1.9163,  
-7.9921

# Harmonies

## Analogous

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



152.1950, 18.1449, 60.3420



147.9640, -4.9123, 82.4696



146.8560, -28.0300, 77.3023

# Triad

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



147.9640, -4.9123, 82.4696



136.4540, -35.7198, -23.2002



124.5570, 58.3924, -109.2365

# Complementary

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



147.9640, -4.9123, 82.4696



196.0360, 4.9123, -82.4696

# 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.



125.0180, 42.3891, -109.6408



147.9640, -4.9123, 82.4696



112.8030, -1.8749, -98.9282

# Square

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



147.9640, -4.9123, 82.4696



142.0050, -51.2745, 19.2896



120.6060, 20.4072, -105.7715



137.7680, 55.3304, -60.3095



# Rectangle

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



147.9640, -4.9123, 82.4696



146.3260, -41.0797, 62.8581



120.6060, 20.4072, -105.7715



125.4060, 54.0298, -109.9811

# Sweetspot

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



147.9640, -4.9123, 82.4696



226.1110, -1.5337, 25.3357



148.7570, 45.9688, 49.3251



110.5720, -0.7750, 15.2844



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.



147.9640, -4.9123, 82.4696



136.7540, -6.2877, 103.7017



163.2310, -30.1869, 69.0804



111.9300, -0.4585, 7.0774



60.3740, -6.5934, 108.4200



18.3400, -2.1396, 33.0278



# Inverse Universe

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



147.9640, -4.9123, 82.4696



136.7540, -6.2877, 103.7017



180.7690, 30.1869, -69.0804



111.9300, -0.4585, 7.0774



60.3740, -6.5934, 108.4200



18.3400, -2.1396, 33.0278



# Previews

## White Background



This preview shows how the YUV color 147.9640, -4.9123, 82.4696 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

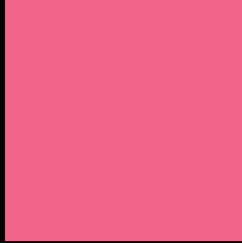
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 147.9640, -4.9123, 82.4696 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

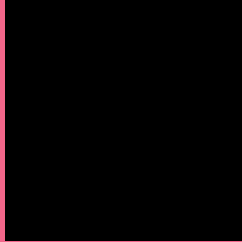
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 147.9640, -4.9123, 82.4696

## Background



This preview shows how black text looks on a background with the YUV color 147.9640, -4.9123, 82.4696.



This preview shows how white text looks on a background with the YUV color 147.9640, -4.9123,



# 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

147.9640, -4.9123, 82.4696

### Protanopia

150.4110, 6.6994, -2.1144

### Deuteranopia

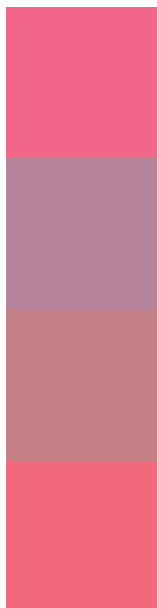
150.5910, -9.6584, 17.8987



## Tritanopia

147.5650, -16.5475, 81.0655

# Trichromacy



## Original Color

147.9640, -4.9123, 82.4696

## Protanomaly

149.5720, 2.6760, 28.4394

## Deuteranomaly

149.9020, -7.8397, 41.3049

## Tritanomaly

147.7160, -12.1850, 81.8101

# Monochromacy



## Original Color

147.9640, -4.9123, 82.4696

## Achromatopsia

148.0000, 0.0000, 0.0000

## Achromatomaly

147.7310, -1.8394, 30.0539

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 147.9640, -4.9123, 82.4696 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(242, 102, 138)` looks like.

```
.text, #text, p{  
    color:rgb(242, 102, 138)  
}
```

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(242, 102, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 102, 138) }
```

## Border

The CSS property to change the border of an element to YUV 147.9640, -4.9123, 82.4696 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(242, 102, 138) }
```



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

```
.border{ border-color:rgb(242, 102, 138) }
```

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

Here you see how a box with a 4 pixel rgb(242, 102, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 102, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 102, 138);  
box-shadow:4px 4px 4px 4px rgb(242, 102,  
138) }
```

# Background

The CSS property to change the background color of an element to YUV 147.9640, -4.9123, 82.4696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 102, 138) }
```

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

```
.background{ background-color: rgb(242,  
102, 138) }
```

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