

# Converting Colors

YUV(143.6760, -4.7703,  
83.5991)

Have a look what the booklet for  
YUV(143.6760, -4.7703, 83.5991)  
contains.

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# Color

**YUV(143.6760, -4.7703,  
83.5991)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF6186
RGB	239, 97, 134
RGB Percent	94%, 38%, 53%
CMY	0.0627, 0.6196, 0.4745
CMYK	0.00, 0.59, 0.44, 0.06
HSL	344°, 82%, 66%
HSV	344°, 59%, 94%
XYZ	44.1744, 28.6213, 25.7505
YIQ	143.6760, 72.7550, 41.6110

# Conversions

## Conversions Part 2

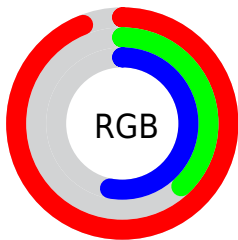
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	239, 97, 134
Decimal	15688070
CIE Lab	60.45, 57.79, 8.12
CIE LCh	60, 58.359, 8.000
Yxy	28.6213, 0.4483, 0.2904
Android (android.graphics.Color)	4293878150 (0xFFEF6186)
YUV	143.6760, -4.7703, 83.5991
Hunter-Lab	53.4989, 53.7654, 8.9114

# Details

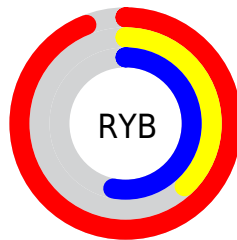
The YUV color **143.6760, -4.7703, 83.5991** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **192.3240, 4.7703, -83.5991**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3740, -0.1844, 59.3080**, and **85.2180, -0.1075, 81.3698** is the 20% darker color. If you saturate the color by 10%, you get **127.5360, -5.6872, 97.7539**, and if you desaturate by 10%, it is **159.8160, -3.8533, 69.4444**.

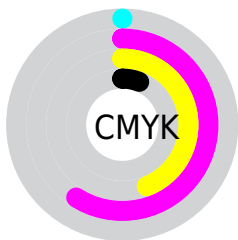
# Distribution



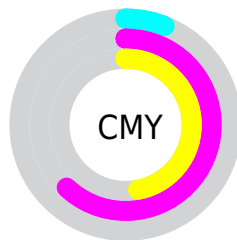
- Red (94%)
- Green (38%)
- Blue (53%)



- Red (94%)
- Yellow (38%)
- Blue (53%)



- Cyan (0%)
- Magenta (59%)
- Yellow (44%)
- Black (6%)



- Cyan (6%)
- Magenta (62%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 143.6760, -4.7703, 83.5991 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 143.6760, -4.7703, 83.5991 by changing the saturation by 10% instead.




 143.6760, -4.7703,  
83.5991


 143.6760, -4.7703,  
83.5991


255.0000, 0.0000,  
0.0000


 115.1210, -3.0177,  
81.4549


 187.3740, -0.1844,  
59.3080


 85.2180, -0.1075,  
81.3698


 207.0020, 3.9430,  
42.0942


 51.6190, 5.1178,  
85.4031

 227.2170, 7.7810,  
24.3657

 40.1410, -0.0695,  
69.1593

 246.1950, 4.3409,  
7.7220

 29.1900, -4.5307,  
53.3304

 19.4780, -8.1237,  
39.0458

 9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,  
0.0000

■ 143.6760, -4.7703,  
83.5991

■ 143.6760, -4.7703,  
83.5991

■ 127.5360, -5.6872,  
97.7539

■ 159.8160, -3.8533,  
69.4444

■ 111.5100, -6.1674,  
111.8087

■ 175.8420, -3.3731,  
55.3896

■ 95.3700, -7.0844,  
125.9635

■ 191.9820, -2.4561,  
41.2348

■ 79.2300, -8.0014,  
140.1183

■ 208.1220, -1.5391,  
27.0800

■ 78.5290, -8.1488,  
140.7331

■ 223.5610, -0.7696,  
13.5400

■ 239.7010, 0.1474,  
-0.6148

■ 250.2160, 2.3585,  
-9.8364

# Harmonies

## Analogous

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



148.2060, 18.1394, 62.0863



143.6760, -4.7703, 83.5991



143.0410, -28.6142, 78.0170

# Triad

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



143.6760, -4.7703, 83.5991



132.6280, -36.2986, -24.2298



121.9810, 58.6764, -106.9773

# Complementary

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



143.6760, -4.7703, 83.5991



192.3240, 4.7703, -83.5991

# 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.



122.9150, 41.9469, -107.7965



143.6760, -4.7703, 83.5991



110.5860, -2.7539, -96.9839

# Square

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



143.6760, -4.7703, 83.5991



138.2500, -52.8742, 19.0748



117.8020, 19.8176, -103.3124



132.5010, 56.9410, -63.5834



# Rectangle

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



143.6760, -4.7703, 83.5991



142.5110, -41.6639, 63.5729



117.8020, 19.8176, -103.3124



123.3030, 53.5876, -108.1367

# Sweetspot

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



143.6760, -4.7703, 83.5991



224.1220, -1.5391, 27.0800



144.2840, 46.6950, 49.7399



108.5830, -0.7804, 17.0287



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.



143.6760, -4.7703, 83.5991



133.4770, -6.1512, 106.5757



158.8290, -30.4817, 70.3100



111.9300, -0.4585, 7.0774



60.4880, -6.1566, 108.3200



18.4540, -1.7028, 32.9278



# Inverse Universe

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



143.6760, -4.7703, 83.5991



133.4770, -6.1512, 106.5757



177.1710, 30.4817, -70.3100



111.9300, -0.4585, 7.0774



60.4880, -6.1566, 108.3200



18.4540, -1.7028, 32.9278



# Previews

## White Background



This preview shows how the YUV color 143.6760, -4.7703, 83.5991 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

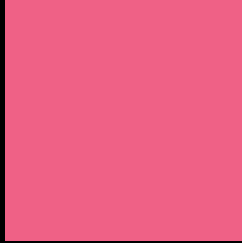
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 143.6760, -4.7703, 83.5991 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 143.6760, -4.7703, 83.5991

## Background



This preview shows how black text looks on a background with the YUV color 143.6760, -4.7703, 83.5991.



This preview shows how white text looks on a background with the YUV color 143.6760, -4.7703,



# 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

143.6760, -4.7703, 83.5991

### Protanopia

146.5250, 7.1362, -2.2144

### Deuteranopia

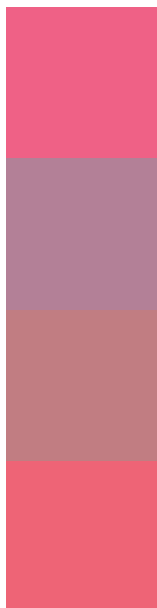
147.1780, -9.9478, 17.3839



## Tritanopia

143.1630, -16.8424, 82.2950

# Trichromacy



## Original Color

143.6760, -4.7703, 83.5991

## Protanomaly

145.8710, 2.5286, 29.0541

## Deuteranomaly

145.9020, -7.8397, 41.3049

## Tritanomaly

143.3140, -12.4798, 83.0396

# Monochromacy



## Original Color

143.6760, -4.7703, 83.5991

## Achromatopsia

144.0000, 0.0000, 0.0000

## Achromatomaly

144.0300, -1.9868, 30.6687

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.6760, -4.7703, 83.5991 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(239, 97, 134)` looks like.

```
.text, #text, p{  
  color:rgb(239, 97, 134)  
}
```

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(239, 97, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 97, 134) }
```

## Border

The CSS property to change the border of an element to YUV 143.6760, -4.7703, 83.5991 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(239, 97, 134) }
```



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

```
.border{ border-color:rgb(239, 97, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 97, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 97, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 97, 134);  
box-shadow:4px 4px 4px 4px rgb(239, 97,  
134) }
```

# Background

The CSS property to change the background color of an element to YUV 143.6760, -4.7703, 83.5991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 97, 134) }
```

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

```
.background{ background-color: rgb(239, 97,  
134) }
```

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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