

# Converting Colors

YUV(143.5430, 3.6763, 81.0848)

Have a look what the booklet for  
YUV(143.5430, 3.6763, 81.0848)  
contains.

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# Color

**YUV(143.5430, 3.6763,  
81.0848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC5F97
RGB	236, 95, 151
RGB Percent	93%, 37%, 59%
CMY	0.0745, 0.6275, 0.4078
CMYK	0.00, 0.60, 0.36, 0.07
HSL	336°, 79%, 65%
HSV	336°, 60%, 93%
XYZ	44.2702, 28.2517, 32.3980
YIQ	143.5430, 66.0600, 47.3080

# Conversions

## Conversions Part 2

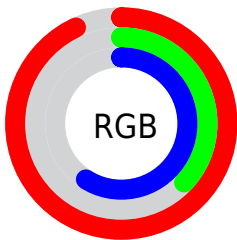
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 95, 151
Decimal	15490967
CIE Lab	60.12, 59.50, -2.29
CIE LCh	60, 59.540, 357.798
Yxy	28.2517, 0.4219, 0.2693
Android (android.graphics.Color)	4293681047 (0xFFEC5F97)
YUV	143.5430, 3.6763, 81.0848
Hunter-Lab	53.1523, 55.6550, 1.0675

# Details

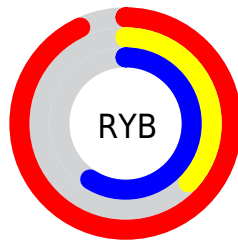
The YUV color **143.5430, 3.6763, 81.0848** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **187.4570, -3.6763, -81.0848**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.2520, 8.2568, 58.5380**, and **83.9820, 7.8969, 80.6998** is the 20% darker color. If you saturate the color by 10%, you get **127.8590, 4.5065, 94.8397**, and if you desaturate by 10%, it is **159.2270, 2.8461, 67.3299**.

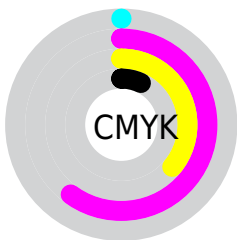
# Distribution



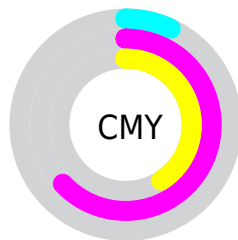
- Red (93%)
- Green (37%)
- Blue (59%)



- Red (93%)
- Yellow (37%)
- Blue (59%)



- Cyan (0%)
- Magenta (60%)
- Yellow (36%)
- Black (7%)



- Cyan (7%)
- Magenta (63%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 143.5430, 3.6763, 81.0848 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 143.5430, 3.6763, 81.0848 by changing the saturation by 10% instead.



 143.5430, 3.6763,  
81.0848


 143.5430, 3.6763,  
81.0848


255.0000, 0.0000,  
0.0000


 114.5860, 5.1341,  
80.1701


 188.2520, 8.2568,  
58.5380


 83.9820, 7.8969,  
80.6998


 208.4670, 12.0948,  
40.8094


 52.6170, 11.5278,  
82.7739

 227.9980, 13.3120,  
23.6808

 41.4380, 6.1931,  
67.1449

 245.0210, 4.9196,  
8.7516

 30.3730, 1.2951,  
51.4159

 20.1620, -5.5029,  
38.4459

 9.3830, -4.1328,

18.9581

■ 0.0000, 0.0000,  
0.0000

■ 143.5430, 3.6763,  
81.0848

■ 143.5430, 3.6763,  
81.0848

■ 127.8590, 4.5065,  
94.8397

■ 159.2270, 2.8461,  
67.3299

■ 112.7620, 5.0473,  
108.0797

■ 174.3240, 2.3053,  
54.0899

■ 96.9640, 5.4407,  
121.9346

■ 190.1220, 1.9119,  
40.2350

■ 81.8670, 5.9816,  
135.1746

■ 205.2190, 1.3710,  
26.9949

■ 81.2800, 6.2710,  
135.6894

■ 220.9030, 0.5408,  
13.2401

■ 236.5870, -0.2894,  
-0.5148

■ 248.8630, 1.0535,  
-11.2809

■ 249.3190, 2.8007,  
-11.6808

# Harmonies

## Analogous

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



148.8930, 26.1818, 49.2058



143.5430, 3.6763, 81.0848



141.4360, -20.9209, 83.8096

# Triad

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



143.5430, 3.6763, 81.0848



133.4360, -45.0779, -8.2754



122.8300, 54.3138, -107.7219

# Complementary

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



143.5430, 3.6763, 81.0848



187.4570, -3.6763, -81.0848

# 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.



121.0910, 34.9581, -106.1968



143.5430, 3.6763, 81.0848



120.1140, -16.8182, -65.8750

# Square

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



143.5430, 3.6763, 81.0848



138.1700, -54.8068, 32.2999



115.0490, 11.8078, -100.8980



117.7240, 65.2121, -103.2439



# Rectangle

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



143.5430, 3.6763, 81.0848



141.3580, -36.1655, 73.3540



115.0490, 11.8078, -100.8980



123.3370, 48.6409, -108.1665

# Sweetspot

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



143.5430, 3.6763, 81.0848



224.8060, 1.0816, 26.4801



136.4890, 49.0589, 38.1591



109.0390, 0.9668, 16.6288



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.



143.5430, 3.6763, 81.0848



134.3380, 4.7634, 105.8206



145.3770, -24.8359, 79.4764



109.7450, 0.1257, 6.3626



62.3270, 4.7688, 104.0762



18.5400, 1.2128, 31.0984



# Inverse Universe

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



143.5430, 3.6763, 81.0848



134.3380, 4.7634, 105.8206



185.6230, 24.8359, -79.4764



109.7450, 0.1257, 6.3626



62.3270, 4.7688, 104.0762



18.5400, 1.2128, 31.0984



# Previews

## White Background



This preview shows how the YUV color 143.5430, 3.6763, 81.0848 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

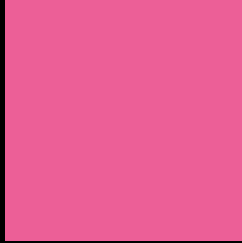
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 143.5430, 3.6763, 81.0848 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

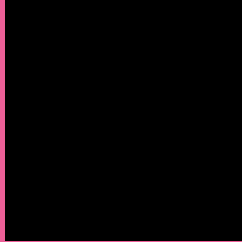
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 143.5430, 3.6763, 81.0848

## Background



This preview shows how black text looks on a background with the YUV color 143.5430, 3.6763, 81.0848.



This preview shows how white text looks on a background with the YUV color 143.5430, 3.6763,



# 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

143.5430, 3.6763, 81.0848

### Protanopia

145.9400, 17.7776, -8.7174

### Deuteranopia

147.0230, -1.4903, 11.3808



## Tritanopia

142.6680, -16.1053, 79.2212

# Trichromacy



## Original Color

143.5430, 3.6763, 81.0848

## Protanomaly

144.8840, 12.8752, 23.7807

## Deuteranomaly

145.7580, 0.6123, 37.0462

## Tritanomaly

142.9160, -8.8326, 79.8807

# Monochromacy



## Original Color

143.5430, 3.6763, 81.0848

## Achromatopsia

144.0000, 0.0000, 0.0000

## Achromatomaly

143.6430, 1.6550, 29.2541

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.5430, 3.6763, 81.0848 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(236, 95, 151)` looks like.

```
.text, #text, p{  
    color:rgb(236, 95, 151)  
}
```

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(236, 95, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 95, 151) }
```

## Border

The CSS property to change the border of an element to YUV 143.5430, 3.6763, 81.0848 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(236, 95, 151) }
```



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

```
.border{ border-color:rgb(236, 95, 151) }
```

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

Here you see how a box with a 4 pixel rgb(236, 95, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 95, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 95, 151);  
box-shadow:4px 4px 4px 4px rgb(236, 95,  
151) }
```

# Background

The CSS property to change the background color of an element to YUV 143.5430, 3.6763, 81.0848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 95, 151) }
```

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

```
.background{ background-color: rgb(236, 95,  
151) }
```

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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