

# Converting Colors

YUV(85.2960, 8.7281, 140.9374)

Have a look what the booklet for  
YUV(85.2960, 8.7281, 140.9374)  
contains.

<b>YUV(85.2960, 8.7281, 140.9374)</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(85.2960, 8.7281,  
140.9374)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F60067
RGB	246, 0, 103
RGB Percent	96%, 0%, 40%
CMY	0.0353, 1.0000, 0.5961
CMYK	0.00, 1.00, 0.58, 0.04
HSL	335°, 100%, 48%
HSV	335°, 100%, 96%
XYZ	40.4542, 20.5721, 14.6706
YIQ	85.2960, 113.5530, 84.1850

# Conversions

## Conversions Part 2

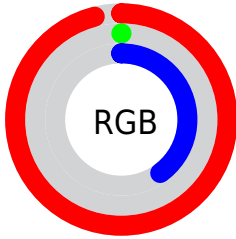
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 0, 103
Decimal	16121959
CIE <sub>Lab</sub>	52.48, 80.94, 15.53
CIE <sub>LCh</sub>	52, 82.421, 10.863
Yxy	20.5721, 0.5344, 0.2718
Android (android.graphics.Color)	4294312039 (0xFFFF60067)
YUV	85.2960, 8.7281, 140.9374
Hunter-Lab	45.3565, 79.8334, 12.5721

# Details

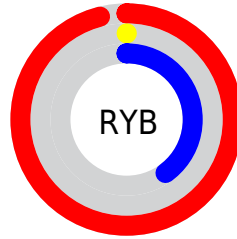
The YUV color **85.2960, 8.7281, 140.9374** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **160.7040, -8.7281, -140.9374**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7400, 1.6072, 91.4360**, and **60.9160, -1.9306, 106.1907** is the 20% darker color. If you saturate the color by 10%, you get **85.2960, 8.7281, 140.9374**, and if you desaturate by 10%, it is **101.5670, 7.6085, 126.6677**.

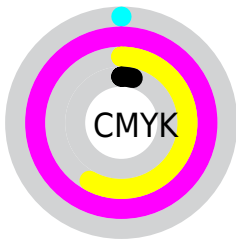
# Distribution



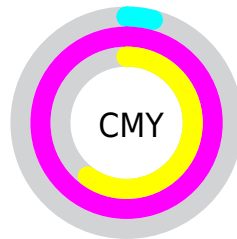
- Red (96%)
- Green (0%)
- Blue (40%)



- Red (96%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (4%)




- Cyan (4%)
- Magenta (100%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 85.2960, 8.7281, 140.9374 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 85.2960, 8.7281, 140.9374 by changing the saturation by 10% instead.




 85.2960, 8.7281,  
140.9374


 85.2960, 8.7281,  
140.9374


255.0000, 0.0000,  
0.0000


 72.9920, 2.9619,  
123.6640


 150.7400, 1.6072,  
91.4360


 60.9160, -1.9306,  
106.1907


 171.9010, 3.9928,  
72.8778

 48.9540, -6.3863,  
88.6173


 193.2900, 7.2520,  
54.1197

 37.4050, -10.5527,  
71.5588

 214.0920, 10.8006,  
35.8763

 26.7680, -11.2246,  
53.7005

 234.4550, 10.1287,  
18.0180

 16.9720, -7.3812,  
34.2276

 252.0650, 1.4470,

 4.1860, -2.0637,

2.5740

8.6069

■ 0.0000, 0.0000,  
0.0000

■ 85.2960, 8.7281,  
140.9374

■ 101.5670, 7.6085,  
126.6677

■ 117.3650, 7.2151,  
112.8129

■ 133.6360, 6.0955,  
98.5432

■ 149.3200, 5.2652,  
84.7884

■ 165.5910, 4.1456,  
70.5187

■ 181.9760, 3.4628,  
56.1490

■ 197.6600, 2.6326,  
42.3942

■ 213.9310, 1.5130,  
28.1245

■ 229.7290, 1.1196,  
14.2697

# Harmonies

## Analogous

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



109.8900, 31.1132, 100.9515



85.2960, 8.7281, 140.9374



110.1000, -38.0103, 105.1523

# Triad

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



85.2960, 8.7281, 140.9374



95.8790, -47.2683, -52.5139



114.7720, 69.1324, -100.6550

# Complementary

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



85.2960, 8.7281, 140.9374



160.7040, -8.7281, -140.9374

# 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.



115.1360, 50.2190, -100.9743



85.2960, 8.7281, 140.9374



97.7740, -11.2276, -85.7478

# Square

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



85.2960, 8.7281, 140.9374



114.8810, -56.6363, 12.3824



108.0850, 20.6641, -94.7905



103.0320, 74.9202, -90.3591



# Rectangle

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



85.2960, 8.7281, 140.9374



115.5870, -56.9844, 77.5382



108.0850, 20.6641, -94.7905



115.9630, 66.0802, -101.6996

# Sweetspot

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



85.2960, 8.7281, 140.9374



205.3720, 2.7746, 43.5238



69.6050, 86.9627, 60.8594



97.9200, 1.5184, 26.3802



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.



85.2960, 8.7281, 140.9374



88.4430, 9.1486, 146.0705



82.9460, -40.8924, 142.9984



114.1580, 0.4151, 6.8774



64.5060, 6.6525, 106.5502



20.4910, 2.2229, 33.7724



# Inverse Universe

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



85.2960, 8.7281, 140.9374



88.4430, 9.1486, 146.0705



163.0540, 40.8924, -142.9984



114.1580, 0.4151, 6.8774



64.5060, 6.6525, 106.5502



20.4910, 2.2229, 33.7724



# Previews

## White Background



This preview shows how the YUV color 85.2960, 8.7281, 140.9374 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

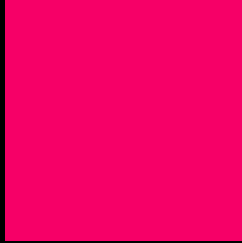
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 85.2960, 8.7281, 140.9374 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 85.2960, 8.7281, 140.9374

## Background



This preview shows how black text looks on a background with the YUV color 85.2960, 8.7281, 140.9374.



This preview shows how white text looks on a background with the YUV color 85.2960, 8.7281, 140.9374.



# 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

85.2960, 8.7281, 140.9374

### Protanopia

127.5400, 11.0728, -4.8586

### Deuteranopia

126.4790, -16.5051, 20.6279



## Tritanopia

101.4690, -30.7972, 124.9997

# Trichromacy



## Original Color

85.2960, 8.7281, 140.9374



## Protanomaly

112.0550, 10.3259, 48.1868



## Deuteranomaly

111.5720, -7.1840, 64.3964



## Tritanomaly

95.5850, -16.5574, 131.0370

# Monochromacy



## Original Color

85.2960, 8.7281, 140.9374



## Achromatopsia

85.0000, 0.0000, 0.0000



## Achromatomaly

85.2420, 3.3317, 51.5308

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 85.2960, 8.7281, 140.9374 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(246, 0, 103)` looks like.

```
.text, #text, p{  
    color:rgb(246, 0, 103)  
}
```

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(246, 0, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 0, 103) }
```

## Border

The CSS property to change the border of an element to YUV 85.2960, 8.7281, 140.9374 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(246, 0, 103) }
```



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

```
.border{ border-color:rgb(246, 0, 103) }
```

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

Here you see how a box with a 4 pixel rgb(246, 0, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 0, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 0, 103);  
box-shadow:4px 4px 4px 4px rgb(246, 0,  
103) }
```

# Background

The CSS property to change the background color of an element to YUV 85.2960, 8.7281, 140.9374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 0, 103) }
```

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

```
.background{ background-color: rgb(246, 0,  
103) }
```

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