

# Converting Colors

YUV(88.9850, 13.8114,  
143.8412)

Have a look what the booklet for  
YUV(88.9850, 13.8114, 143.8412)  
contains.

<b>YUV(88.9850, 13.8114, 143.8412)</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(88.9850, 13.8114,  
143.8412)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD0075
RGB	253, 0, 117
RGB Percent	99%, 0%, 46%
CMY	0.0078, 1.0000, 0.5412
CMYK	0.00, 1.00, 0.54, 0.01
HSL	332°, 100%, 50%
HSV	332°, 100%, 99%
XYZ	43.7189, 22.1670, 18.8040
YIQ	88.9850, 113.2310, 90.0230

# Conversions

## Conversions Part 2

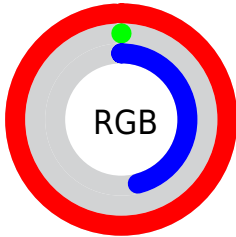
<b>Format</b>	<b>Color</b>
<b>RYB</b>	253, 0, 117
Decimal	16580725
CIELab	54.20, 83.36, 9.66
CIELCh	54, 83.920, 6.613
Yxy	22.1670, 0.5162, 0.2617
Android (android.graphics.Color)	4294770805 (0xFFFD0075)
YUV	88.9850, 13.8114, 143.8412
Hunter-Lab	47.0818, 83.3569, 9.2774

# Details

The YUV color **88.9850, 13.8114, 143.8412** 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 **164.0150, -13.8114, -143.8412**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.6240, 7.5804, 88.9068**, and **64.3770, 2.2791, 109.2944** is the 20% darker color. If you saturate the color by 10%, you get **88.9850, 13.8114, 143.8412**, and if you desaturate by 10%, it is **105.2560, 12.6918, 129.5715**.

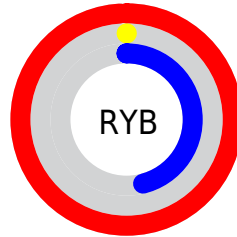
# Distribution



Red (99%)

Green (0%)

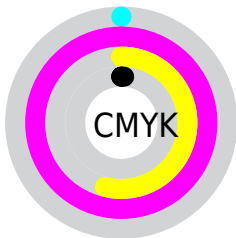
Blue (46%)



Red (99%)

Yellow (0%)

Blue (46%)

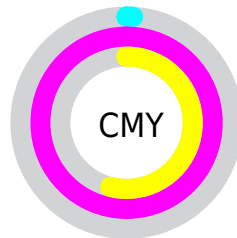


Cyan (0%)

Magenta (100%)

Yellow (54%)

Black (1%)



Cyan (1%)

Magenta (100%)


Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 88.9850, 13.8114, 143.8412 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 88.9850, 13.8114, 143.8412 by changing the saturation by 10% instead.



 88.9850, 13.8114,  
143.8412


 88.9850, 13.8114,  
143.8412


255.0000, 0.0000,  
0.0000


 76.6810, 8.0453,  
126.5678


 153.6240, 7.5804,  
88.9068


 64.3770, 2.2791,  
109.2944


 175.4860, 10.1134,  
69.7338


 52.4150, -2.1766,  
91.7210


 196.8750, 13.3726,  
50.9756

 40.8660, -6.3429,  
74.6625

 217.6770, 16.9212,  
32.7323

 28.8610, -12.2565,  
58.0039

 236.2160, 9.2605,  
16.4736

 19.4780, -8.1237,  
39.0458

253.8260, 0.5788,

 8.7850, -3.8380,

1.0296

17.7286

■ 0.0000, 0.0000,  
0.0000

■ 88.9850, 13.8114,  
143.8412

■ 105.2560, 12.6918,  
129.5715

■ 122.0000, 10.8460,  
114.8870

■ 138.2710, 9.7264,  
100.6173

■ 154.4280, 8.1700,  
86.4476

■ 171.2860, 6.7610,  
71.6632

■ 187.5570, 5.6414,  
57.3935

■ 203.7140, 4.0850,  
43.2238

■ 219.9850, 2.9654,  
28.9542

■ 236.7290, 1.1196,  
14.2697

# Harmonies

## Analogous

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



119.0570, 34.4819, 93.7890



88.9850, 13.8114, 143.8412



112.5230, -32.7958, 112.6743

# Triad

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



88.9850, 13.8114, 143.8412



104.8160, -51.6743, -39.3036



118.2940, 67.3961, -103.7438

# Complementary

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



88.9850, 13.8114, 143.8412



164.0150, -13.8114, -143.8412

# 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.



117.8430, 47.8984, -103.3483



88.9850, 13.8114, 143.8412



99.7970, -16.1689, -87.5220

# Square

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



88.9850, 13.8114, 143.8412



120.2410, -59.2788, 19.9596



110.3360, 16.5964, -96.7647



107.7280, 72.6051, -94.4775



# Rectangle

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



88.9850, 13.8114, 143.8412



118.3000, -58.3219, 86.5599



110.3360, 16.5964, -96.7647



120.1860, 64.4913, -105.4031

# Sweetspot

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



88.9850, 13.8114, 143.8412



205.7140, 4.0850, 43.2238



69.2070, 90.6099, 57.7005



98.1480, 2.3920, 26.1802



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.



88.9850, 13.8114, 143.8412



89.6970, 13.9534, 144.9707



80.3430, -39.6091, 151.4202



119.5710, 0.7045, 7.3922



67.1410, 10.2835, 108.6243



22.4420, 3.2331, 36.4464



# Inverse Universe

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



88.9850, 13.8114, 143.8412



89.6970, 13.9534, 144.9707



172.6570, 39.6091, -151.4202



119.5710, 0.7045, 7.3922



67.1410, 10.2835, 108.6243



22.4420, 3.2331, 36.4464



# Previews

## White Background



This preview shows how the YUV color 88.9850, 13.8114, 143.8412 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

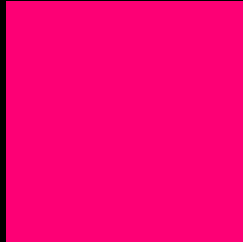
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 88.9850, 13.8114, 143.8412 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 88.9850, 13.8114, 143.8412

## Background



This preview shows how black text looks on a background with the YUV color 88.9850, 13.8114, 143.8412.



This preview shows how white text looks on a background with the YUV color 88.9850, 13.8114,



# 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

88.9850, 13.8114, 143.8412

### Protanopia

131.8690, 18.7986, -9.5321

### Deuteranopia

131.4940, -12.5685, 17.9838



## Tritanopia

107.5830, -30.3604, 124.8997

# Trichromacy



## Original Color

88.9850, 13.8114, 143.8412

## Protanomaly

116.4660, 17.0253, 46.0723

## Deuteranomaly

116.0110, -2.9634, 64.0114

## Tritanomaly

100.8670, -14.2314, 131.6666

# Monochromacy



## Original Color

88.9850, 13.8114, 143.8412

## Achromatopsia

89.0000, 0.0000, 0.0000

## Achromatomaly

89.2960, 4.7841, 52.3604

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 88.9850, 13.8114, 143.8412 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(253, 0, 117)` looks like.

```
.text, #text, p{  
    color:rgb(253, 0, 117)  
}
```

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(253, 0, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 0, 117) }
```

## Border

The CSS property to change the border of an element to YUV 88.9850, 13.8114, 143.8412 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(253, 0, 117) }
```



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

```
.border{ border-color:rgb(253, 0, 117) }
```

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

Here you see how a box with a 4 pixel rgb(253, 0, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(253, 0,  
117) }
```

# Background

The CSS property to change the background color of an element to YUV 88.9850, 13.8114, 143.8412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 0, 117) }
```

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

```
.background{ background-color: rgb(253, 0,  
117) }
```

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