

# Converting Colors

YUV(140.9870, 30.5724,  
87.7114)

Have a look what the booklet for  
YUV(140.9870, 30.5724, 87.7114)  
contains.

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# Color

**YUV(140.9870, 30.5724,  
87.7114)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F14ECB
RGB	241, 78, 203
RGB Percent	95%, 31%, 80%
CMY	0.0549, 0.6941, 0.2039
CMYK	0.00, 0.68, 0.16, 0.05
HSL	314°, 85%, 63%
HSV	314°, 68%, 95%
XYZ	49.7795, 28.4613, 59.3698
YIQ	140.9870, 57.0230, 73.4310

# Conversions

## Conversions Part 2

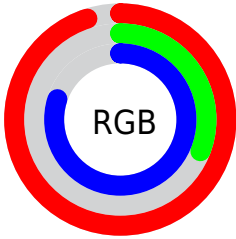
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 78, 203
Decimal	15814347
CIE <sub>Lab</sub>	60.30, 74.14, -31.84
CIE <sub>LCh</sub>	60, 80.686, 336.762
Y <sub>xy</sub>	28.4613, 0.3617, 0.2068
Android (android.graphics.Color)	4294004427 (0xFFFF14ECB)
YUV	140.9870, 30.5724, 87.7114
Hunter-Lab	53.3492, 73.1953, -28.6367

# Details

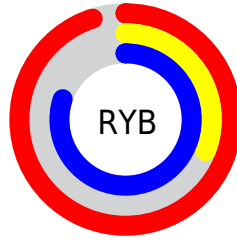
The YUV color **140.9870, 30.5724, 87.7114** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **178.0130, -30.5724, -87.7114**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.3210, 33.8587, 60.2315**, and **70.9910, 37.9654, 96.4779** is the 20% darker color. If you saturate the color by 10%, you get **126.2150, 34.8970, 100.6664**, and if you desaturate by 10%, it is **155.7590, 26.2478, 74.7564**.

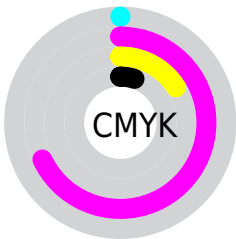
# Distribution



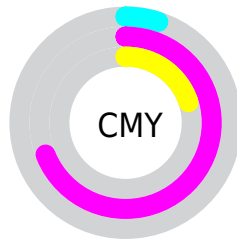
- Red (95%)
- Green (31%)
- Blue (80%)



- Red (95%)
- Yellow (31%)
- Blue (80%)



- Cyan (0%)
- Magenta (68%)
- Yellow (16%)
- Black (5%)




- Cyan (5%)
- Magenta (69%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 140.9870, 30.5724, 87.7114 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 140.9870, 30.5724, 87.7114 by changing the saturation by 10% instead.





 140.9870, 30.5724,  
87.7114


 140.9870, 30.5724,  
87.7114


255.0000, 0.0000,  
0.0000


 108.2800, 32.8930,  
90.0854


 186.3210, 33.8587,  
60.2315

 70.9910, 37.9654,  
96.4779


 203.3440, 25.4664,  
45.3023


 59.3560, 30.8835,  
81.2488

 220.9540, 16.7847,  
29.8583

 47.8350, 24.2383,  
65.9197

 238.5640, 8.1029,  
14.4144

 36.7270, 17.8826,  
51.1054

 26.3310, 11.6688,  
37.4207

 14.8530, 6.4815,

21.1769

■ 0.0000, 0.0000,  
0.0000

■ 140.9870, 30.5724,  
87.7114

■ 140.9870, 30.5724,  
87.7114

■ 126.2150, 34.8970,  
100.6664

■ 155.7590, 26.2478,  
74.7564

■ 111.5570, 39.6584,  
113.5215

■ 170.4170, 21.4864,  
61.9013

■ 96.7850, 43.9830,  
126.4766

■ 185.1890, 17.1618,  
48.9462

■ 93.1490, 45.2825,  
129.6653

■ 199.8470, 12.4004,  
36.0912

■ 215.2060, 7.7864,  
22.6213

229.9780, 3.4618,  
9.6663

244.6360, -1.2995,  
-3.1888

250.0160, -0.9939,  
-7.9070

250.7000, 1.6269,  
-8.5069

# Harmonies

## Analogous

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



147.3720, 53.0606, 14.5828



140.9870, 30.5724, 87.7114



124.1650, 3.8627, 114.7423

# Triad

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



140.9870, 30.5724, 87.7114



135.0150, -66.5624, 22.7888



128.8310, 49.3833, -112.9848

# Complementary

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



140.9870, 30.5724, 87.7114



178.0130, -30.5724, -87.7114

# 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.



121.5520, 18.9549, -106.6011



140.9870, 30.5724, 87.7114



121.0850, -59.6949, -33.4005

# Square

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



140.9870, 30.5724, 87.7114



135.9210, -67.0091, 72.8603



111.2410, -12.9368, -97.5584



127.6860, 62.7658, -111.9806



# Rectangle

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



140.9870, 30.5724, 87.7114



128.3130, -20.8603, 111.1045



111.2410, -12.9368, -97.5584



127.0240, 39.9212, -111.4000

# Sweetspot

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



140.9870, 30.5724, 87.7114



223.6950, 9.5174, 27.4545



107.0470, 66.0388, 5.2208



108.8910, 5.4767, 16.7586



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.



140.9870, 30.5724, 87.7114



128.0190, 38.9376, 111.3623



131.9810, -3.9346, 95.6097



112.6140, 2.1623, 6.4775



71.0900, 34.4656, 99.0221



21.6460, 10.5275, 30.1285



# Inverse Universe

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



140.9870, 30.5724, 87.7114



128.0190, 38.9376, 111.3623



187.0190, 3.9346, -95.6097



112.6140, 2.1623, 6.4775



71.0900, 34.4656, 99.0221



21.6460, 10.5275, 30.1285



# Previews

## White Background



This preview shows how the YUV color 140.9870, 30.5724, 87.7114 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

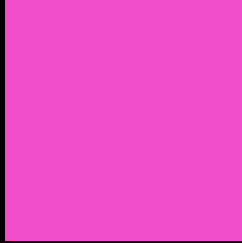
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 140.9870, 30.5724, 87.7114 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 140.9870, 30.5724, 87.7114

## Background



This preview shows how black text looks on a background with the YUV color 140.9870, 30.5724, 87.7114.



This preview shows how white text looks on a background with the YUV color 140.9870, 30.5724, 87.7114.



# 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

140.9870, 30.5724, 87.7114

### Protanopia

140.5300, 56.4337, -40.8068

### Deuteranopia

146.0090, 23.1666, -10.5319



## Tritanopia

143.1840, -15.3737, 77.8916

# Trichromacy



## Original Color

140.9870, 30.5724, 87.7114



## Protanomaly

140.7100, 46.9780, 5.5163



## Deuteranomaly

144.0380, 26.1103, 25.3997



## Tritanomaly

142.5600, 1.2029, 81.0699

# Monochromacy



## Original Color

140.9870, 30.5724, 87.7114



## Achromatopsia

141.0000, 0.0000, 0.0000



## Achromatomaly

140.8850, 11.3957, 31.6729

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 140.9870, 30.5724, 87.7114 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(241, 78, 203)` looks like.

```
.text, #text, p{  
    color:rgb(241, 78, 203)  
}
```

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(241, 78, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 78, 203) }
```

## Border

The CSS property to change the border of an element to YUV 140.9870, 30.5724, 87.7114 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(241, 78, 203) }
```



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

```
.border{ border-color:rgb(241, 78, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 78, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 78, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 78, 203);  
box-shadow:4px 4px 4px 4px rgb(241, 78,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 140.9870, 30.5724, 87.7114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 78, 203) }
```

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

```
.background{ background-color: rgb(241, 78,  
203) }
```

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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