

# Converting Colors

YUV(144.4650, 12.0958,  
87.2922)

Have a look what the booklet for  
YUV(144.4650, 12.0958, 87.2922)  
contains.

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# Color

**YUV(144.4650, 12.0958,  
87.2922)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F459A9
RGB	244, 89, 169
RGB Percent	96%, 35%, 66%
CMY	0.0431, 0.6510, 0.3373
CMYK	0.00, 0.64, 0.31, 0.04
HSL	329°, 88%, 65%
HSV	329°, 64%, 96%
XYZ	48.0420, 29.2424, 40.6484
YIQ	144.4650, 66.7000, 57.7400

# Conversions

## Conversions Part 2

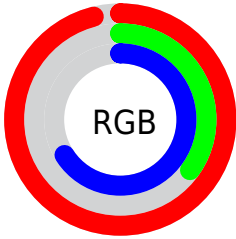
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 89, 169
Decimal	16013737
CIE <sub>Lab</sub>	60.99, 66.41, -11.26
CIE <sub>LCh</sub>	61, 67.361, 350.378
Yxy	29.2424, 0.4074, 0.2480
Android (android.graphics.Color)	4294203817 (0xFFFF459A9)
YUV	144.4650, 12.0958, 87.2922
Hunter-Lab	54.0763, 63.9482, -6.7141

# Details

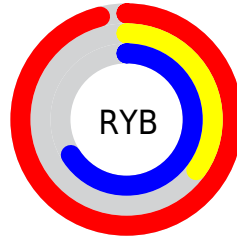
The YUV color **144.4650, 12.0958, 87.2922** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **188.5350, -12.0958, -87.2922**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0700, 17.7135, 58.6976**, and **78.9200, 18.7734, 92.1552** is the 20% darker color. If you saturate the color by 10%, you get **129.0090, 13.7996, 100.8471**, and if you desaturate by 10%, it is **159.9210, 10.3919, 73.7373**.

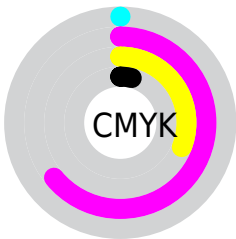
# Distribution



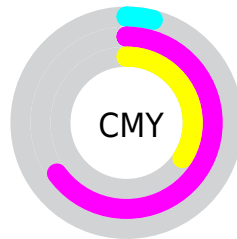
- Red (96%)
- Green (35%)
- Blue (66%)



- Red (96%)
- Yellow (35%)
- Blue (66%)



- Cyan (0%)
- Magenta (64%)
- Yellow (31%)
- Black (4%)




- Cyan (4%)
- Magenta (65%)
- Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 144.4650, 12.0958, 87.2922 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 144.4650, 12.0958, 87.2922 by changing the saturation by 10% instead.





 144.4650, 12.0958,  
87.2922


 144.4650, 12.0958,  
87.2922


255.0000, 0.0000,  
0.0000


 114.3340, 14.1323,  
87.4071


 188.0700, 17.7135,  
58.6976

 78.9200, 18.7734,  
92.1552

 208.3990, 21.9883,  
40.8691

 56.5340, 17.4847,  
85.4777

 225.6500, 14.4696,  
25.7400

 45.2410, 11.7132,  
69.9486

 242.6730, 6.0772,  
10.8108

 33.9480, 5.9416,  
54.4196

 23.8940, 1.0383,  
40.4350

 12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,  
0.0000

■ 144.4650, 12.0958,  
87.2922

■ 144.4650, 12.0958,  
87.2922

■ 129.0090, 13.7996,  
100.8471

■ 159.9210, 10.3919,  
73.7373

■ 112.9660, 15.7928,  
114.9168

■ 175.9640, 8.3987,  
59.6676


■ 97.6240, 17.9334,  
128.3718

■ 191.3060, 6.2581,  
46.2126


■ 87.3200, 19.0692,  
137.4084

■ 207.3490, 4.2649,  
32.1429

■ 222.8050, 2.5611,  
18.5880

 238.2610, 0.8573,  
5.0331

 251.3690, 0.3111,  
-6.4626

 251.7110, 1.6215,  
-6.7625

# Harmonies

## Analogous

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



151.0800, 35.9496, 42.9028



144.4650, 12.0958, 87.2922



140.9030, -15.7282, 98.3091

# Triad

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



144.4650, 12.0958, 87.2922



132.9910, -63.5926, 3.5159



127.5090, 54.4721, -111.8254

# Complementary

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



144.4650, 12.0958, 87.2922



188.5350, -12.0958, -87.2922

# 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.



124.0430, 31.0378, -108.7857



144.4650, 12.0958, 87.2922



123.4820, -28.3386, -57.4277

# Square

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



144.4650, 12.0958, 87.2922



138.4140, -68.2381, 46.9949



116.3880, 4.2457, -102.0723



122.9900, 65.0809, -107.8622



# Rectangle

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



144.4650, 12.0958, 87.2922



141.7280, -33.8829, 87.9385



116.3880, 4.2457, -102.0723



126.9730, 47.3413, -111.3553

# Sweetspot

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



144.4650, 12.0958, 87.2922



224.2020, 3.8444, 27.0098



129.0950, 56.6482, 30.6117



108.6800, 2.1298, 16.9436



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.



144.4650, 12.0958, 87.2922



130.4060, 15.0828, 109.2689



135.6870, -21.5377, 94.9905



114.2720, 0.8519, 6.7775



66.5580, 14.5149, 104.7506



21.0610, 4.4069, 33.2725



# Inverse Universe

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



144.4650, 12.0958, 87.2922



130.4060, 15.0828, 109.2689



197.3130, 21.5377, -94.9905



114.2720, 0.8519, 6.7775



66.5580, 14.5149, 104.7506



21.0610, 4.4069, 33.2725



# Previews

## White Background



This preview shows how the YUV color 144.4650, 12.0958, 87.2922 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

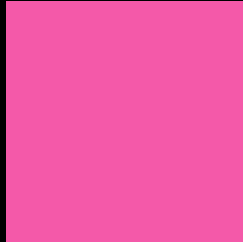
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 144.4650, 12.0958, 87.2922 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

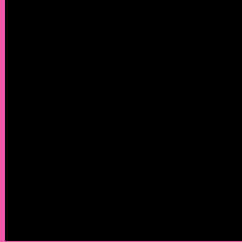
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 144.4650, 12.0958, 87.2922

## Background



This preview shows how black text looks on a background with the YUV color 144.4650, 12.0958, 87.2922.



This preview shows how white text looks on a background with the YUV color 144.4650, 12.0958,



# 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

144.4650, 12.0958, 87.2922

### Protanopia

147.0990, 30.0242, -16.7498

### Deuteranopia

148.9390, 5.9461, 6.1925



## Tritanopia

144.4620, -16.9898, 82.9098

# Trichromacy



## Original Color

144.4650, 12.0958, 87.2922



## Protanomaly

146.3210, 23.5057, 20.7665



## Deuteranomaly

147.1090, 8.3273, 35.8614



## Tritanomaly

144.5190, -6.6649, 84.6138

# Monochromacy



## Original Color

144.4650, 12.0958, 87.2922



## Achromatopsia

144.0000, 0.0000, 0.0000



## Achromatomaly

144.0500, 4.4123, 31.5281

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 144.4650, 12.0958, 87.2922 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(244, 89, 169)` looks like.

```
.text, #text, p{  
    color:rgb(244, 89, 169)  
}
```

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(244, 89, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 89, 169) }
```

## Border

The CSS property to change the border of an element to YUV 144.4650, 12.0958, 87.2922 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(244, 89, 169) }
```



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

```
.border{ border-color:rgb(244, 89, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 89, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 89, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 89, 169); box-shadow:4px 4px 4px 4px rgb(244, 89, 169) }
```

# Background

The CSS property to change the background color of an element to YUV 144.4650, 12.0958, 87.2922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 89, 169) }
```

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

```
.background{ background-color: rgb(244, 89,  
169) }
```

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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