

# Converting Colors

YUV(133.4360, 2.7431,  
100.4726)

Have a look what the booklet for  
YUV(133.4360, 2.7431, 100.4726)  
contains.

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# Color

**YUV(133.4360, 2.7431,  
100.4726)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F84A8B
RGB	248, 74, 139
RGB Percent	97%, 29%, 55%
CMY	0.0275, 0.7098, 0.4549
CMYK	0.00, 0.70, 0.44, 0.03
HSL	338°, 93%, 63%
HSV	338°, 70%, 97%
XYZ	45.8204, 26.7181, 27.1682
YIQ	133.4360, 82.8390, 57.1030

# Conversions

## Conversions Part 2

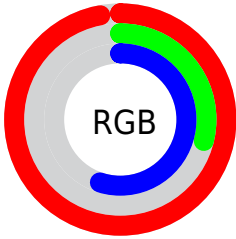
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 74, 139
Decimal	16272011
CIE <sub>Lab</sub>	58.71, 70.02, 2.90
CIE <sub>LCh</sub>	59, 70.075, 2.375
Yxy	26.7181, 0.4596, 0.2680
Android (android.graphics.Color)	4294462091 (0xFFFF84A8B)
YUV	133.4360, 2.7431, 100.4726
Hunter-Lab	51.6896, 67.7752, 5.0197

# Details

The YUV color **133.4360, 2.7431, 100.4726** is a light color, and the websafe version is hex **FF6699**. The color can be described as light washed rose. A complement of this color would be **188.5640, -2.7431, -100.4726**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.7910, 7.4980, 68.5893**, and **65.7600, 11.4573, 105.4505** is the 20% darker color. If you saturate the color by 10%, you get **116.9370, 2.9891, 114.9423**, and if you desaturate by 10%, it is **149.9350, 2.4970, 86.0030**.

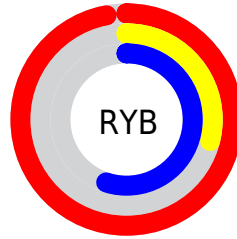
# Distribution



Red (97%)

Green (29%)

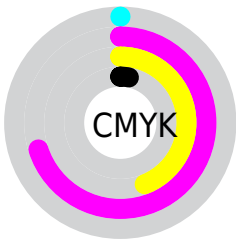
Blue (55%)



Red (97%)

Yellow (29%)

Blue (55%)

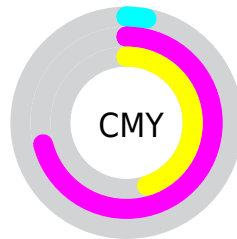


Cyan (0%)

Magenta (70%)

Yellow (44%)

Black (3%)



Cyan (3%)

Magenta (71%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 133.4360, 2.7431, 100.4726 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 133.4360, 2.7431, 100.4726 by changing the saturation by 10% instead.




 133.4360, 2.7431,  
100.4726


 133.4360, 2.7431,  
100.4726


255.0000, 0.0000,  
0.0000

 100.7720, 6.5214,  
101.9320


 176.7910, 7.4980,  
68.5893


 65.7600, 11.4573,  
105.4505


 197.0060, 11.3360,  
50.8607

 54.1680, 5.8332,  
89.3067


 217.9220, 15.3215,  
32.5174

 42.6900, 0.6458,  
73.0629

 235.6290, 9.5499,  
16.9884

 31.4400, -3.6679,  
56.6191

 253.2390, 0.8682,  
1.5444

 20.6740, -8.7133,  
41.5049

 10.5790, -4.7224,

21.4172

■ 0.0000, 0.0000,  
0.0000

■ 133.4360, 2.7431,  
100.4726

■ 133.4360, 2.7431,  
100.4726

■ 116.9370, 2.9891,  
114.9423

■ 149.9350, 2.4970,  
86.0030

■ 100.5520, 3.6719,  
129.3119

■ 166.3200, 1.8142,  
71.6334

■ 84.7540, 4.0653,  
143.1667

■ 182.2320, 1.8576,  
57.6785

■ 198.6170, 1.1748,  
43.3089

■ 215.1160, 0.9288,  
28.8393

231.5010, 0.2460,  
14.4696

248.0000, 0.0000,  
0.0000

252.9070, 1.0318,  
-4.3034

# Harmonies

## Analogous

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



141.8720, 28.1641, 66.7643



133.4360, 2.7431, 100.4726



133.6180, -26.9267, 96.8050

# Triad

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



133.4360, 2.7431, 100.4726



123.4380, -54.9389, -18.8011



123.5940, 62.3182, -108.3919

# Complementary

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



133.4360, 2.7431, 100.4726



188.5640, -2.7431, -100.4726

# 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.



122.1000, 41.3627, -107.0817



133.4360, 2.7431, 100.4726



106.0890, -12.3689, -93.0401

# Square

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



133.4360, 2.7431, 100.4726



131.5150, -64.8369, 29.3663



115.7330, 14.4286, -101.4978



115.3590, 68.8430, -101.1698



# Rectangle

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



133.4360, 2.7431, 100.4726



135.1710, -45.9333, 79.6570



115.7330, 14.4286, -101.4978



123.9870, 56.2084, -108.7366

# Sweetspot

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



133.4360, 2.7431, 100.4726



219.4260, 0.7760, 31.1984



125.8290, 60.2303, 48.3850



106.9360, 0.5246, 18.4731



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.



133.4360, 2.7431, 100.4726



114.1060, 3.3987, 123.5640



137.7660, -31.4366, 96.6752



116.4570, 0.2677, 7.4922



64.4910, 2.7159, 109.1944



20.8610, 1.0545, 35.2019



# Inverse Universe

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



133.4360, 2.7431, 100.4726



114.1060, 3.3987, 123.5640



184.2340, 31.4366, -96.6752



116.4570, 0.2677, 7.4922



64.4910, 2.7159, 109.1944



20.8610, 1.0545, 35.2019



# Previews

## White Background



This preview shows how the YUV color 133.4360, 2.7431, 100.4726 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 133.4360, 2.7431, 100.4726 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 133.4360, 2.7431, 100.4726

## Background



This preview shows how black text looks on a background with the YUV color 133.4360, 2.7431, 100.4726.



This preview shows how white text looks on a background with the YUV color 133.4360, 2.7431,



# 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

133.4360, 2.7431, 100.4726

### Protanopia

141.9400, 17.7776, -8.7174

### Deuteranopia

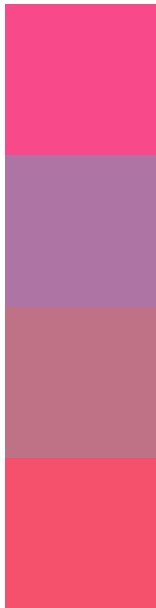
142.7800, -6.3005, 14.2249



**Tritanopia**

133.4100, -21.4011, 97.8644

# Trichromacy



**Original Color**

133.4360, 2.7431, 100.4726

**Protanomaly**

138.8140, 12.4167, 30.8581

**Deuteranomaly**

139.1890, -3.0512, 45.4382

**Tritanomaly**

133.4130, -12.5286, 98.7388

# Monochromacy



**Original Color**

133.4360, 2.7431, 100.4726

**Achromatopsia**

133.0000, 0.0000, 0.0000

**Achromatomaly**

133.4590, 0.7597, 36.4315

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.4360, 2.7431, 100.4726 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(248, 74, 139)` looks like.

```
.text, #text, p{  
    color:rgb(248, 74, 139)  
}
```

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(248, 74, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 74, 139) }
```

## Border

The CSS property to change the border of an element to YUV 133.4360, 2.7431, 100.4726 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(248, 74, 139) }
```



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

```
.border{ border-color:rgb(248, 74, 139) }
```

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

Here you see how a box with a 4 pixel rgb(248, 74, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 74, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 74, 139);  
box-shadow:4px 4px 4px 4px rgb(248, 74,  
139) }
```

# Background

The CSS property to change the background color of an element to YUV 133.4360, 2.7431, 100.4726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 74, 139) }
```

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

```
.background{ background-color: rgb(248, 74,  
139) }
```

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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