

# Converting Colors

YUV(133.8540, -1.4070,  
78.1810)

Have a look what the booklet for  
YUV(133.8540, -1.4070, 78.1810)  
contains.

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# Color

**YUV(133.8540, -1.4070,  
78.1810)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DF5983
RGB	223, 89, 131
RGB Percent	87%, 35%, 51%
CMY	0.1255, 0.6510, 0.4863
CMYK	0.00, 0.60, 0.41, 0.13
HSL	341°, 68%, 61%
HSV	341°, 60%, 87%
XYZ	38.1005, 24.4714, 24.1881
YIQ	133.8540, 66.3820, 41.4700

# Conversions

## Conversions Part 2

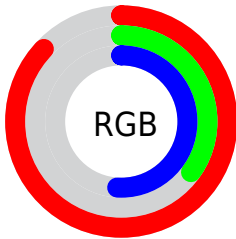
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	223, 89, 131
Decimal	14637443
CIE <sub>Lab</sub>	56.56, 55.92, 3.97
CIE <sub>LCh</sub>	57, 56.063, 4.061
Yxy	24.4714, 0.4391, 0.2821
Android (android.graphics.Color)	4292827523 (0xFFDF5983)
YUV	133.8540, -1.4070, 78.1810
Hunter-Lab	49.4686, 50.9100, 5.6377

# Details

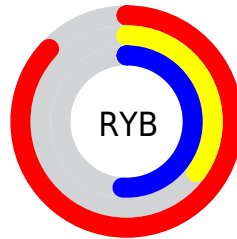
The YUV color **133.8540, -1.4070, 78.1810** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **178.1460, 1.4070, -78.1810**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.7490, 1.1097, 64.2411**, and **75.1080, 3.3978, 77.0813** is the 20% darker color. If you saturate the color by 10%, you get **119.2300, -1.5924, 91.0063**, and if you desaturate by 10%, it is **148.4780, -1.2217, 65.3558**.

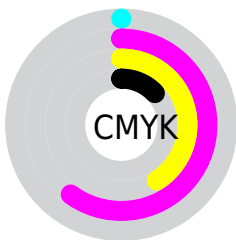
# Distribution



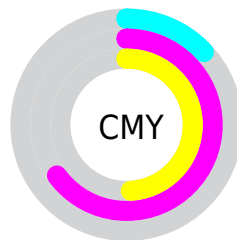
- Red (87%)
- Green (35%)
- Blue (51%)



- Red (87%)
- Yellow (35%)
- Blue (51%)



- Cyan (0%)
- Magenta (60%)
- Yellow (41%)
- Black (13%)



- Cyan (13%)
- Magenta (65%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 133.8540, -1.4070, 78.1810 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 133.8540, -1.4070, 78.1810 by changing the saturation by 10% instead.




 133.8540, -1.4070,  
78.1810

 133.8540, -1.4070,  
78.1810

255.0000, 0.0000,  
0.0000

 105.5980, 0.1982,  
76.6516

 181.7490, 1.1097,  
64.2411

 75.1080, 3.3978,  
77.0813


 201.8500, 4.5110,  
46.6126


 46.7920, 6.0185,  
76.4814

 221.5920, 9.0751,  
29.2988

 35.7270, 1.1206,  
60.7524

 240.3250, 7.2348,  
12.8700

 24.9610, -3.9248,  
45.6382

 15.4770, -6.6442,  
31.1537

 0.0000, 0.0000,

0.0000

■ 133.8540, -1.4070,  
78.1810

■ 133.8540, -1.4070,  
78.1810

■ 119.2300, -1.5924,  
91.0063

■ 148.4780, -1.2217,  
65.3558

■ 103.9050, -1.9252,  
104.4463

■ 163.8030, -0.8889,  
51.9158

■ 89.2810, -2.1105,  
117.2716

■ 178.4270, -0.7035,  
39.0905

■ 74.6570, -2.2959,  
130.0968

■ 193.0510, -0.5181,  
26.2653

■ 208.3760, -0.1854,  
12.8252

■ 223.0000, 0.0000,  
0.0000

■ 237.6240, 0.1854,  
-12.8252

■ 245.2040, 3.8434,  
-19.4729

■ 245.4320, 4.7170,  
-19.6729

# Harmonies

## Analogous

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



138.3190, 20.0557, 54.0942



133.8540, -1.4070, 78.1810



132.5830, -23.9514, 75.7877

# Triad

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



133.8540, -1.4070, 78.1810



123.4440, -37.1939, -17.0524



114.6460, 53.4185, -100.5445

# Complementary

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



133.8540, -1.4070, 78.1810



178.1460, 1.4070, -78.1810

# 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.



114.2920, 36.8310, -100.2341



133.8540, -1.4070, 78.1810



101.9460, -5.3964, -89.4066

# Square

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



133.8540, -1.4070, 78.1810



128.5540, -50.5591, 23.1931



109.4070, 15.5753, -95.9499



112.0420, 59.6323, -86.8598



# Rectangle

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



133.8540, -1.4070, 78.1810



132.6510, -37.2959, 62.5731



109.4070, 15.5753, -95.9499



115.3810, 48.6192, -101.1891

# Sweetspot

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



133.8540, -1.4070, 78.1810



224.3500, -0.6655, 26.8801



131.7840, 44.9695, 43.1624



108.6970, -0.3436, 16.9287



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.



133.8540, -1.4070, 78.1810



132.6280, -1.7886, 107.3202



143.7410, -26.9873, 69.5101



104.6310, -0.3111, 6.4626



58.8940, -1.9197, 102.7020



16.0620, -0.5236, 28.0096



# Inverse Universe

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



133.8540, -1.4070, 78.1810



132.6280, -1.7886, 107.3202



168.2590, 26.9873, -69.5101



104.6310, -0.3111, 6.4626



58.8940, -1.9197, 102.7020



16.0620, -0.5236, 28.0096



# Previews

## White Background



This preview shows how the YUV color 133.8540, -1.4070, 78.1810 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

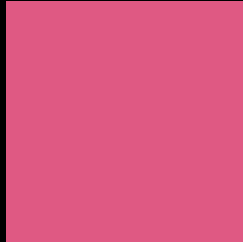
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 133.8540, -1.4070, 78.1810 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

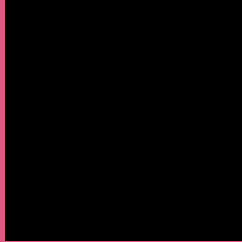
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 133.8540, -1.4070, 78.1810

## Background



This preview shows how black text looks on a background with the YUV color 133.8540, -1.4070, 78.1810.



This preview shows how white text looks on a background with the YUV color 133.8540, -1.4070,



# 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

133.8540, -1.4070, 78.1810

### Protanopia

136.7250, 10.4886, -4.1438

### Deuteranopia

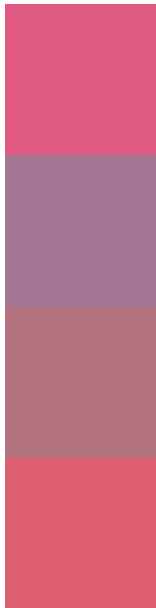
137.1930, -6.0111, 14.7397



## Tritanopia

133.3580, -15.9525, 76.8620

# Trichromacy



## Original Color

133.8540, -1.4070, 78.1810

## Protanomaly

135.4730, 6.1758, 25.8952

## Deuteranomaly

136.0910, -4.4819, 37.6312

## Tritanomaly

133.7370, -10.7163, 77.4067

# Monochromacy



## Original Color

133.8540, -1.4070, 78.1810

## Achromatopsia

134.0000, 0.0000, 0.0000

## Achromatomaly

134.0620, -0.5236, 28.0096

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.8540, -1.4070, 78.1810 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(223, 89, 131)` looks like.

```
.text, #text, p{  
    color:rgb(223, 89, 131)  
}
```

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(223, 89, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 89, 131) }
```

## Border

The CSS property to change the border of an element to YUV 133.8540, -1.4070, 78.1810 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(223, 89, 131) }
```



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

```
.border{ border-color:rgb(223, 89, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 89, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 89, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 89, 131);  
box-shadow:4px 4px 4px 4px rgb(223, 89,  
131) }
```

# Background

The CSS property to change the background color of an element to YUV 133.8540, -1.4070, 78.1810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 89, 131) }
```

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

```
.background{ background-color: rgb(223, 89,  
131) }
```

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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