

# Converting Colors

YUV(133.1740, 43.7912,  
94.5634)

Have a look what the booklet for  
YUV(133.1740, 43.7912, 94.5634)  
contains.

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# Color

**YUV(133.1740, 43.7912,  
94.5634)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F13DDE
RGB	241, 61, 222
RGB Percent	95%, 24%, 87%
CMY	0.0549, 0.7608, 0.1294
CMYK	0.00, 0.75, 0.08, 0.05
HSL	306°, 87%, 59%
HSV	306°, 75%, 95%
XYZ	51.1292, 27.3122, 71.6842
YIQ	133.1740, 55.5990, 88.2310

# Conversions

## Conversions Part 2

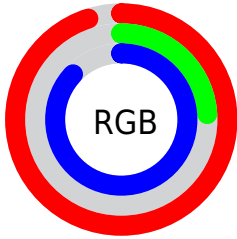
Format	Color
R <sub>YB</sub>	241, 61, 222
Decimal	15810014
CIE <sub>Lab</sub>	59.26, 82.24, -44.23
CIE <sub>LCh</sub>	59, 93.375, 331.730
Yxy	27.3122, 0.3406, 0.1819
Android (android.graphics.Color)	4294000094 (0xFFFF13DDE)
YUV	133.1740, 43.7912, 94.5634
Hunter-Lab	52.2611, 83.1772, -44.7428

# Details

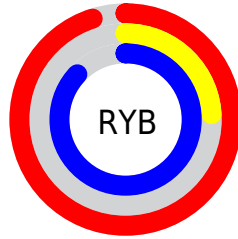
The YUV color **133.1740, 43.7912, 94.5634** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **168.8260, -43.7912, -94.5634**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2770, 37.3314, 66.4091**, and **73.0430, 45.8278, 94.6783** is the 20% darker color. If you saturate the color by 10%, you get **118.7440, 49.4262, 107.2185**, and if you desaturate by 10%, it is **147.6040, 38.1562, 81.9083**.

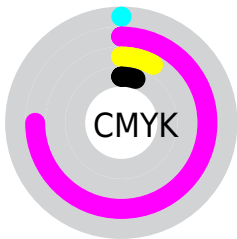
# Distribution



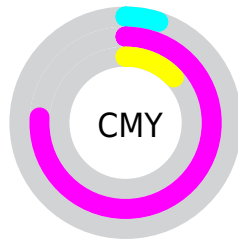
- Red (95%)
- Green (24%)
- Blue (87%)



- Red (95%)
- Yellow (24%)
- Blue (87%)



- Cyan (0%)
- Magenta (75%)
- Yellow (8%)
- Black (5%)




- Cyan (5%)
- Magenta (76%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 133.1740, 43.7912, 94.5634 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 133.1740, 43.7912, 94.5634 by changing the saturation by 10% instead.





 133.1740, 43.7912,  
94.5634


 133.1740, 43.7912,  
94.5634


255.0000, 0.0000,  
0.0000


 88.7270, 51.8996,  
107.2334


 179.2770, 37.3314,  
66.4091


 73.0430, 45.8278,  
94.6783


 196.8870, 28.6497,  
50.9651


 60.9950, 38.4565,  
78.9344


 214.4970, 19.9680,  
35.5211

 49.3600, 31.3745,  
63.7053

 232.1070, 11.2862,  
20.0772

 37.8390, 24.7294,  
48.3762

 249.7170, 2.6045,  
4.6332

 27.3290, 18.0788,  
34.7915

 15.7370, 12.4547,

18.6477

■ 2.6390, 7.5730,  
-2.3144

■ 0.0000, 0.0000,  
0.0000

■ 133.1740, 43.7912,  
94.5634

■ 133.1740, 43.7912,  
94.5634

■ 118.7440, 49.4262,  
107.2185

■ 147.6040, 38.1562,  
81.9083

■ 104.4280, 55.4980,  
119.7736

■ 161.9200, 32.0844,  
69.3532

■ 96.6830, 58.8233,  
126.5660

■ 176.3500, 26.4495,  
56.6981

■ 190.6660, 20.3777,  
44.1429

205.6830, 14.4533,  
30.9730

219.9990, 8.3815,  
18.4179

234.4290, 2.7465,  
5.7628

248.7450, -3.3253,  
-6.7924

249.6740, -2.3043,  
-7.6071

# Harmonies

## Analogous

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



138.7010, 57.3354, -3.2458



133.1740, 43.7912, 94.5634



92.4330, 24.4365, 142.5713

# Triad

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



133.1740, 43.7912, 94.5634



133.2980, -65.7159, 31.3107



129.3040, 48.6571, -113.3996

# Complementary

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



133.1740, 43.7912, 94.5634



168.8260, -43.7912, -94.5634

# 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.



119.8420, 12.4029, -105.1014



133.1740, 43.7912, 94.5634



119.9110, -59.1161, -32.3709

# Square

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



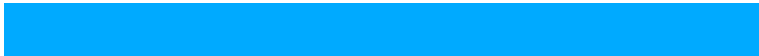
133.1740, 43.7912, 94.5634



131.5900, -64.8739, 88.0596



107.4620, -24.8778, -94.2442



128.8600, 62.1870, -113.0102



# Rectangle

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



133.1740, 43.7912, 94.5634



95.6690, -3.7808, 139.7333



107.4620, -24.8778, -94.2442



126.9270, 37.0110, -111.3150

# Sweetspot

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



133.1740, 43.7912, 94.5634



221.4440, 13.5851, 29.4286



86.9020, 75.9703, -6.9301



107.5860, 8.0921, 17.9031



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.



133.1740, 43.7912, 94.5634



117.2540, 56.0768, 120.8032



123.0280, 4.9162, 103.4614



112.8420, 3.0359, 6.2776



73.7120, 44.5120, 96.7226



22.4440, 13.5851, 29.4286



# Inverse Universe

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



133.1740, 43.7912, 94.5634



117.2540, 56.0768, 120.8032



178.9720, -4.9162, -103.4614



112.8420, 3.0359, 6.2776



73.7120, 44.5120, 96.7226

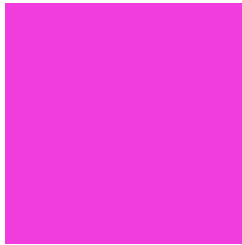


22.4440, 13.5851, 29.4286



# Previews

## White Background



This preview shows how the YUV color 133.1740, 43.7912, 94.5634 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

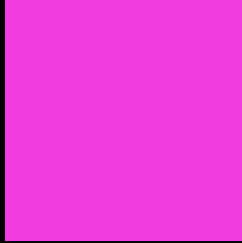
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 133.1740, 43.7912, 94.5634 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

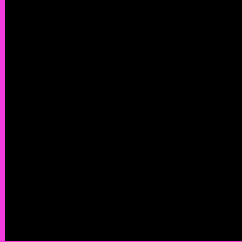
Any Text WCAG AA ✓ Pass

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 133.1740, 43.7912, 94.5634 Background



This preview shows how black text looks on a background with the YUV color 133.1740, 43.7912, 94.5634.



This preview shows how white text looks on a background with the YUV color 133.1740, 43.7912, 94.5634.



# 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

133.1740, 43.7912, 94.5634

### Protanopia

136.6760, 58.3337, -43.5659

### Deuteranopia

141.3800, 33.8297, -24.0123



## Tritanopia

140.0700, -15.8105, 77.9916

# Trichromacy



## Original Color

133.1740, 43.7912, 94.5634



## Protanomaly

135.6160, 52.9403, 6.4758



## Deuteranomaly

138.5670, 37.1885, 18.7967



## Tritanomaly

137.1350, 5.8494, 84.0736

# Monochromacy



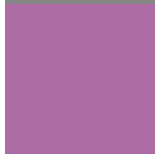
## Original Color

133.1740, 43.7912, 94.5634



## Achromatopsia

133.0000, 0.0000, 0.0000



## Achromatomaly

133.0470, 15.7528, 34.1618

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.1740, 43.7912, 94.5634 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, 61, 222)` looks like.

```
.text, #text, p{  
    color:rgb(241, 61, 222)  
}
```

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, 61, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 61, 222) }
```

## Border

The CSS property to change the border of an element to YUV 133.1740, 43.7912, 94.5634 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, 61, 222) }
```



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

```
.border{ border-color:rgb(241, 61, 222) }
```

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

Here you see how a box with a 4 pixel rgb(241, 61, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 61, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 61, 222);  
box-shadow:4px 4px 4px 4px rgb(241, 61,  
222) }
```

# Background

The CSS property to change the background color of an element to YUV 133.1740, 43.7912, 94.5634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 61, 222) }
```

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

```
.background{ background-color: rgb(241, 61,  
222) }
```

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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