

# Converting Colors

YUV(138.7700, 49.9064,  
93.1637)

Have a look what the booklet for  
YUV(138.7700, 49.9064, 93.1637)  
contains.

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# Color

**YUV(138.7700, 49.9064,  
93.1637)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F541F0
RGB	245, 65, 240
RGB Percent	96%, 25%, 94%
CMY	0.0392, 0.7451, 0.0588
CMYK	0.00, 0.73, 0.02, 0.04
HSL	302°, 90%, 61%
HSV	302°, 73%, 96%
XYZ	55.2747, 29.4843, 85.2158
YIQ	138.7700, 51.1050, 92.5850

# Conversions

## Conversions Part 2

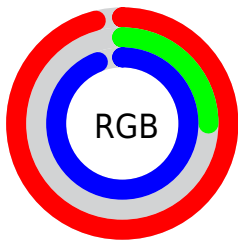
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 65, 240
Decimal	16073200
CIE Lab	61.21, 84.56, -51.20
CIE LCh	61, 98.851, 328.808
Yxy	29.4843, 0.3252, 0.1735
Android (android.graphics.Color)	4294263280 (0xFFFF541F0)
YUV	138.7700, 49.9064, 93.1637
Hunter-Lab	54.2995, 86.6816, -55.0381

# Details

The YUV color **138.7700, 49.9064, 93.1637** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **171.2300, -49.9064, -93.1637**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.6250, 36.1739, 64.3499**, and **75.8780, 52.8111, 94.8230** is the 20% darker color. If you saturate the color by 10%, you get **124.5680, 56.4150, 105.6189**, and if you desaturate by 10%, it is **153.5590, 43.1084, 80.1938**.

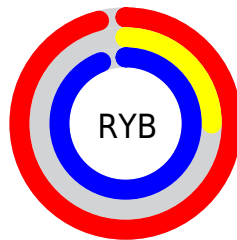
# Distribution



Red (96%)

Green (25%)

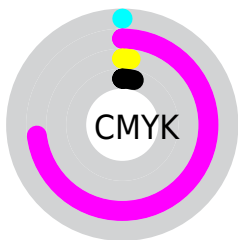
Blue (94%)



Red (96%)

Yellow (25%)

Blue (94%)

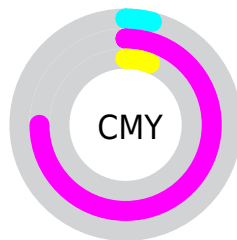


Cyan (0%)

Magenta (73%)

Yellow (2%)

Black (4%)



Cyan (4%)

Magenta (75%)


Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 138.7700, 49.9064, 93.1637 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 138.7700, 49.9064, 93.1637 by changing the saturation by 10% instead.





 138.7700, 49.9064,  
93.1637


 138.7700, 49.9064,  
93.1637


255.0000, 0.0000,  
0.0000


 97.1440, 56.1310,  
103.3597


 181.6250, 36.1739,  
64.3499


 75.8780, 52.8111,  
94.8230


 199.2350, 27.4921,  
48.9059

 64.1290, 45.2924,  
79.6939


 216.8450, 18.8104,  
33.4619

 52.3800, 37.7737,  
64.5647

 234.4550, 10.1287,  
18.0180

 40.7450, 30.6917,  
49.3356

 252.6520, 1.1576,  
2.0592

 29.9360, 24.1886,  
35.1361

 17.9310, 18.2750,

18.4775

■ 3.6480, 13.9775,  
-3.1993

■ 0.4560, 1.7472,  
-0.3999

■ 138.7700, 49.9064,  
93.1637

■ 138.7700, 49.9064,  
93.1637

■ 124.5680, 56.4150,  
105.6189

■ 153.5590, 43.1084,  
80.1938

■ 109.8930, 63.6498,  
118.4888

■ 167.6470, 36.1630,  
67.8386

■ 100.3870, 67.8432,  
126.8256

■ 182.4360, 29.3651,  
54.8686

■ 196.6380, 22.8565,  
42.4135

210.7260, 15.9111,  
30.0583

225.5150, 9.1131,  
17.0883

239.7170, 2.6045,  
4.6332

250.8700, -2.8939,  
-5.1480

250.9840, -2.4571,  
-5.2480

# Harmonies

## Analogous

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



138.6130, 57.3788, -17.2006



138.7700, 49.9064, 93.1637



93.9150, 30.1149, 141.2715

# Triad

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



138.7700, 49.9064, 93.1637



138.3590, -68.2110, 38.2732



134.3420, 47.6524, -117.8179

# Complementary

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



138.7700, 49.9064, 93.1637



171.2300, -49.9064, -93.1637

# 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.



123.6090, 9.0668, -108.4051



138.7700, 49.9064, 93.1637



125.5480, -61.8952, -27.6676

# Square

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



138.7700, 49.9064, 93.1637



134.3140, -66.2168, 98.8256



109.5020, -32.2925, -96.0333



133.5560, 59.8719, -117.1286



# Rectangle

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



138.7700, 49.9064, 93.1637



87.4170, 5.2174, 146.9703



109.5020, -32.2925, -96.0333



131.0360, 34.9853, -114.9186

# Sweetspot

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



138.7700, 49.9064, 93.1637



221.9000, 15.3323, 29.0287



86.4170, 78.1814, -16.1517



107.9280, 9.4025, 17.6031



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.



138.7700, 49.9064, 93.1637



122.8280, 62.2028, 115.9148



128.7380, 11.4682, 101.9618



114.9560, 3.4727, 6.1776



76.2480, 51.6427, 96.2525



24.1390, 16.2005, 30.5731



# Inverse Universe

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



138.7700, 49.9064, 93.1637



122.8280, 62.2028, 115.9148



181.2620, -11.4682, -101.9618



114.9560, 3.4727, 6.1776



76.2480, 51.6427, 96.2525



24.1390, 16.2005, 30.5731



# Previews

## White Background



This preview shows how the YUV color 138.7700, 49.9064, 93.1637 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

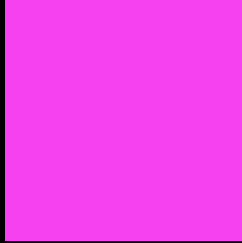
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 138.7700, 49.9064, 93.1637 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

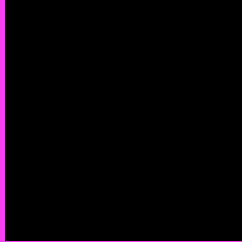
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 138.7700, 49.9064, 93.1637

## Background



This preview shows how black text looks on a background with the YUV color 138.7700, 49.9064, 93.1637.



This preview shows how white text looks on a background with the YUV color 138.7700, 49.9064,



# 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

138.7700, 49.9064, 93.1637

### Protanopia

143.1880, 55.1233, -40.5069

### Deuteranopia

144.5730, 41.1295, -32.0745



## Tritanopia

146.2760, -14.9261, 74.3029

# Trichromacy



## Original Color

138.7700, 49.9064, 93.1637



## Protanomaly

141.7410, 53.3717, 8.1201



## Deuteranomaly

142.3690, 44.1881, 13.7084



## Tritanomaly

143.5090, 8.6231, 81.1146

# Monochromacy



## Original Color

138.7700, 49.9064, 93.1637



## Achromatopsia

139.0000, 0.0000, 0.0000



## Achromatomaly

139.0300, 18.2262, 34.1767

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.7700, 49.9064, 93.1637 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(245, 65, 240)` looks like.

```
.text, #text, p{  
    color:rgb(245, 65, 240)  
}
```

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(245, 65, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 65, 240) }
```

## Border

The CSS property to change the border of an element to YUV 138.7700, 49.9064, 93.1637 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(245, 65, 240) }
```



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

```
.border{ border-color:rgb(245, 65, 240) }
```

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

Here you see how a box with a 4 pixel rgb(245, 65, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 65, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 65, 240);  
box-shadow:4px 4px 4px 4px rgb(245, 65,  
240) }
```

# Background

The CSS property to change the background color of an element to YUV 138.7700, 49.9064, 93.1637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 65, 240) }
```

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

```
.background{ background-color: rgb(245, 65,  
240) }
```

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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