

# Converting Colors

YUV(155.4090, 37.2664,  
87.3413)

Have a look what the booklet for  
YUV(155.4090, 37.2664, 87.3413)  
contains.

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# Color

**YUV(155.4090, 37.2664,  
87.3413)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5AE7
RGB	255, 90, 231
RGB Percent	100%, 35%, 91%
CMY	0.0000, 0.6471, 0.0941
CMYK	0.00, 0.65, 0.09, 0.00
HSL	309°, 100%, 68%
HSV	309°, 65%, 100%
XYZ	59.3200, 34.3419, 79.1034
YIQ	155.4090, 53.0790, 78.8310

# Conversions

## Conversions Part 2

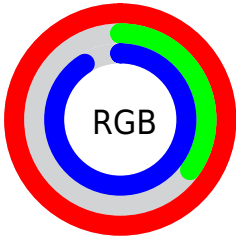
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 90, 231
Decimal	16734951
CIE Lab	65.23, 77.15, -39.74
CIE LCh	65, 86.781, 332.748
Yxy	34.3419, 0.3434, 0.1988
Android (android.graphics.Color)	4294925031 (0xFFFF5AE7)
YUV	155.4090, 37.2664, 87.3413
Hunter-Lab	58.6019, 78.1338, -39.0109

# Details

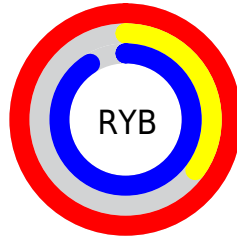
The YUV color **155.4090, 37.2664, 87.3413** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **189.5910, -37.2664, -87.3413**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3650, 30.3861, 54.0539**, and **80.0160, 46.8271, 100.8410** is the 20% darker color. If you saturate the color by 10%, you get **140.2780, 42.7539, 100.6112**, and if you desaturate by 10%, it is **171.1270, 31.4894, 73.5566**.

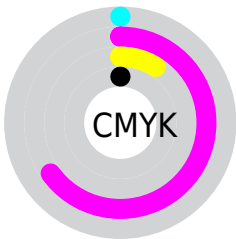
# Distribution



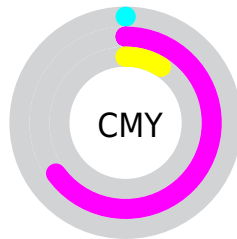
- Red (100%)
- Green (35%)
- Blue (91%)



- Red (100%)
- Yellow (35%)
- Blue (91%)



- Cyan (0%)
- Magenta (65%)
- Yellow (9%)
- Black (0%)




- Cyan (0%)
- Magenta (65%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 155.4090, 37.2664, 87.3413 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 155.4090, 37.2664, 87.3413 by changing the saturation by 10% instead.





 155.4090, 37.2664,  
87.3413


 155.4090, 37.2664,  
87.3413


255.0000, 0.0000,  
0.0000


 123.8760, 39.0081,  
88.6857


 193.3650, 30.3861,  
54.0539


 80.0160, 46.8271,  
100.8410


 210.9750, 21.7043,  
38.6099


 66.2070, 40.3239,  
86.6415

 227.9980, 13.3120,  
23.6808

 54.5720, 33.2420,  
71.4124

 245.6080, 4.6303,  
8.2368

 42.9370, 26.1601,  
56.1833

 31.8290, 19.8043,  
41.3690

 21.1340, 13.7379,

27.0695

■ 8.1610, 9.2876,  
7.7518

■ 0.0000, 0.0000,  
0.0000

■ 155.4090, 37.2664,  
87.3413

■ 155.4090, 37.2664,  
87.3413

■ 140.2780, 42.7539,  
100.6112

■ 171.1270, 31.4894,  
73.5566

■ 124.6740, 48.9677,  
114.2959

■ 186.1440, 25.5650,  
60.3867

■ 109.5430, 54.4553,  
127.5658

■ 201.8620, 19.7880,  
46.6020

■ 101.0970, 57.6332,  
134.9729

■ 216.9930, 14.3005,  
33.3321

232.7110, 8.5235,  
19.5475

247.7280, 2.5991,  
6.3775

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



155.8670, 48.8726, 4.5016



155.4090, 37.2664, 87.3413



128.5480, 13.0408, 110.8984

# Triad

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



155.4090, 37.2664, 87.3413



148.0610, -72.9941, 32.3955



140.1780, 49.7052, -122.9361

# Complementary

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



155.4090, 37.2664, 87.3413



189.5910, -37.2664, -87.3413

# 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.



131.4000, 16.0718, -115.2378



155.4090, 37.2664, 87.3413



134.9950, -66.5525, -27.1826

# Square

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



155.4090, 37.2664, 87.3413



147.2170, -72.5780, 85.7557



119.7040, -18.5881, -104.9804



137.0780, 58.1355, -120.2174



# Rectangle

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



155.4090, 37.2664, 87.3413



130.3650, -12.9979, 109.3049



119.7040, -18.5881, -104.9804



137.4420, 39.2221, -120.5366

# Sweetspot

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



155.4090, 37.2664, 87.3413



226.0260, 10.8332, 25.4102



115.3880, 68.8287, -2.9713



109.8200, 6.4977, 15.9439



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.



155.4090, 37.2664, 87.3413



134.8810, 44.9217, 105.3444



146.2890, 2.3225, 95.3395



120.1410, 2.8885, 6.8923



75.6910, 43.0433, 101.1260



25.2920, 14.1530, 33.9469



# Inverse Universe

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



155.4090, 37.2664, 87.3413



134.8810, 44.9217, 105.3444



198.8250, -1.8857, -95.4395



120.1410, 2.8885, 6.8923



75.6910, 43.0433, 101.1260

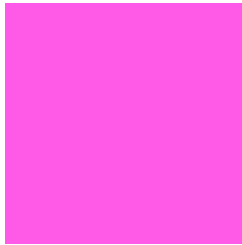


25.2920, 14.1530, 33.9469



# Previews

## White Background



This preview shows how the YUV color 155.4090, 37.2664, 87.3413 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

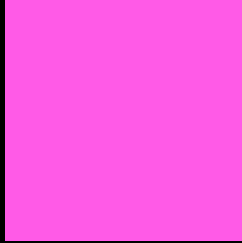
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 155.4090, 37.2664, 87.3413 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

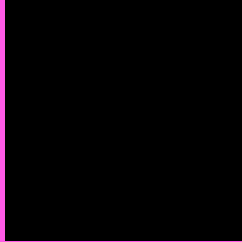
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 155.4090, 37.2664, 87.3413

## Background



This preview shows how black text looks on a background with the YUV color 155.4090, 37.2664, 87.3413.



This preview shows how white text looks on a background with the YUV color 155.4090, 37.2664, 87.3413.



# 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

155.4090, 37.2664, 87.3413

### Protanopia

156.2230, 48.6971, -32.6446

### Deuteranopia

158.6150, 30.7558, -18.0794



## Tritanopia

157.4010, -14.4947, 75.9473

# Trichromacy



## Original Color

155.4090, 37.2664, 87.3413



## Protanomaly

155.7600, 44.4883, 10.7345



## Deuteranomaly

157.8400, 33.1099, 20.3113



## Tritanomaly

156.3580, 4.2605, 80.3700

# Monochromacy



## Original Color

155.4090, 37.2664, 87.3413



## Achromatopsia

155.0000, 0.0000, 0.0000



## Achromatomaly

154.8680, 13.8691, 31.6878

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 155.4090, 37.2664, 87.3413 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(255, 90, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 90, 231)  
}
```

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(255, 90, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 90, 231) }
```

## Border

The CSS property to change the border of an element to YUV 155.4090, 37.2664, 87.3413 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(255, 90, 231) }
```



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

```
.border{ border-color:rgb(255, 90, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 90, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 90, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 90, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 90,  
231) }
```

# Background

The CSS property to change the background color of an element to YUV 155.4090, 37.2664, 87.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 90, 231) }
```

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

```
.background{ background-color: rgb(255, 90,  
231) }
```

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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