

# Converting Colors

YUV(155.5230, 37.7032,  
87.2413)

Have a look what the booklet for  
YUV(155.5230, 37.7032, 87.2413)  
contains.

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# Color

**YUV(155.5230, 37.7032,  
87.2413)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF5AE8
RGB	255, 90, 232
RGB Percent	100%, 35%, 91%
CMY	0.0000, 0.6471, 0.0902
CMYK	0.00, 0.65, 0.09, 0.00
HSL	308°, 100%, 68%
HSV	308°, 65%, 100%
XYZ	59.4617, 34.3985, 79.8495
YIQ	155.5230, 52.7580, 79.1420

# Conversions

## Conversions Part 2

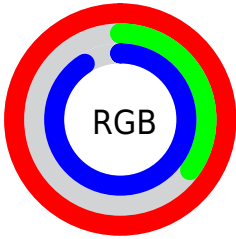
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 90, 232
Decimal	16734952
CIE Lab	65.28, 77.30, -40.22
CIE LCh	65, 87.136, 332.508
Yxy	34.3985, 0.3423, 0.1980
Android (android.graphics.Color)	4294925032 (0xFFFF5AE8)
YUV	155.5230, 37.7032, 87.2413
Hunter-Lab	58.6503, 78.3315, -39.6653

# Details

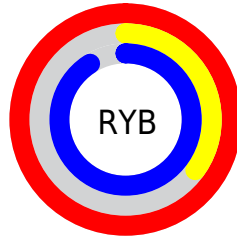
The YUV color **155.5230, 37.7032, 87.2413** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **189.4770, -37.7032, -87.2413**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3650, 30.3861, 54.0539**, and **80.1300, 47.2639, 100.7410** is the 20% darker color. If you saturate the color by 10%, you get **140.3920, 43.1907, 100.5112**, and if you desaturate by 10%, it is **171.2410, 31.9262, 73.4566**.

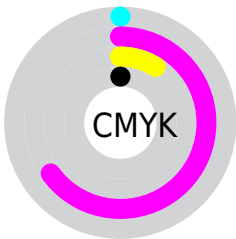
# Distribution



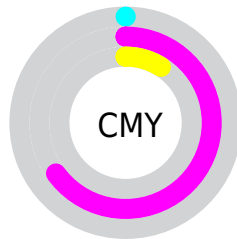
- Red (100%)
- Green (35%)
- Blue (91%)



- 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 155.5230, 37.7032, 87.2413 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 155.5230, 37.7032, 87.2413 by changing the saturation by 10% instead.





 155.5230, 37.7032,  
87.2413


 155.5230, 37.7032,  
87.2413


255.0000, 0.0000,  
0.0000


 123.9900, 39.4449,  
88.5858


 193.3650, 30.3861,  
54.0539


 80.1300, 47.2639,  
100.7410


 210.9750, 21.7043,  
38.6099


 66.3210, 40.7607,  
86.5415

 227.9980, 13.3120,  
23.6808

 54.6860, 33.6788,  
71.3124

 245.6080, 4.6303,  
8.2368

 43.0510, 26.5969,  
56.0833

 31.9430, 20.2411,  
41.2690

 21.2480, 14.1747,

26.9695

■ 8.1610, 9.2876,  
7.7518

■ 0.0000, 0.0000,  
0.0000

■ 155.5230, 37.7032,  
87.2413

■ 155.5230, 37.7032,  
87.2413

■ 140.3920, 43.1907,  
100.5112

■ 171.2410, 31.9262,  
73.4566

■ 124.7880, 49.4045,  
114.1959

■ 186.2580, 26.0018,  
60.2867

■ 109.6570, 54.8921,  
127.4658

■ 201.9760, 20.2248,  
46.5020

■ 101.2110, 58.0700,  
134.8730

■ 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.



155.5680, 49.0200, 3.8869



155.5230, 37.7032, 87.2413



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.



155.5230, 37.7032, 87.2413



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.



155.5230, 37.7032, 87.2413



189.4770, -37.7032, -87.2413

# 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.



131.2860, 15.6350, -115.1378



155.5230, 37.7032, 87.2413



135.2940, -66.6999, -26.5678

# Square

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



155.5230, 37.7032, 87.2413



147.5160, -72.7254, 86.3705



119.5900, -19.0249, -104.8804



137.6650, 57.8462, -120.7322



# Rectangle

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



155.5230, 37.7032, 87.2413



129.7780, -12.7086, 109.8197



119.5900, -19.0249, -104.8804



137.3280, 38.7853, -120.4367

# Sweetspot

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



155.5230, 37.7032, 87.2413



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.



155.5230, 37.7032, 87.2413



134.9950, 45.3585, 105.2444



146.2890, 2.3225, 95.3395



120.1410, 2.8885, 6.8923



75.9190, 43.9169, 100.9260



25.4060, 14.5898, 33.8469



# Inverse Universe

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



155.5230, 37.7032, 87.2413



134.9950, 45.3585, 105.2444



198.8250, -1.8857, -95.4395



120.1410, 2.8885, 6.8923



75.9190, 43.9169, 100.9260

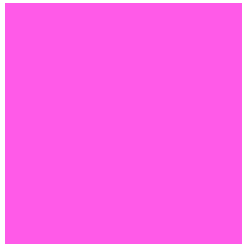


25.4060, 14.5898, 33.8469



# Previews

## White Background



This preview shows how the YUV color 155.5230, 37.7032, 87.2413 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

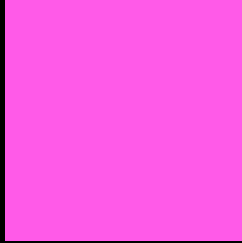
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 155.5230, 37.7032, 87.2413 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

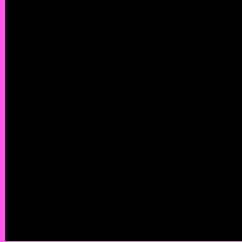
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 155.5230, 37.7032, 87.2413

## Background



This preview shows how black text looks on a background with the YUV color 155.5230, 37.7032, 87.2413.



This preview shows how white text looks on a background with the YUV color 155.5230, 37.7032, 87.2413.



# 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

155.5230, 37.7032, 87.2413

### Protanopia

156.2230, 48.6971, -32.6446

### Deuteranopia

158.3160, 30.9032, -18.6941



## Tritanopia

157.9880, -14.7841, 75.4325

# Trichromacy



## Original Color

155.5230, 37.7032, 87.2413



## Protanomaly

155.8740, 44.9251, 10.6345



## Deuteranomaly

157.5410, 33.2573, 19.6965



## Tritanomaly

157.0590, 4.4079, 79.7553

# Monochromacy



## Original Color

155.5230, 37.7032, 87.2413



## Achromatopsia

156.0000, 0.0000, 0.0000



## Achromatomaly

155.8680, 13.8691, 31.6878

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 155.5230, 37.7032, 87.2413 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, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 90, 232)  
}
```

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, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 90, 232) }
```

## Border

The CSS property to change the border of an element to YUV 155.5230, 37.7032, 87.2413 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, 232) }
```



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

```
.border{ border-color:rgb(255, 90, 232) }
```

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, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 90, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 90, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 90,  
232) }
```

# Background

The CSS property to change the background color of an element to YUV 155.5230, 37.7032, 87.2413 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, 232) }
```

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

```
.background{ background-color: rgb(255, 90,  
232) }
```

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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