

Converting Colors

YUV(150.4370, 34.7876,
89.0708)

Have a look what the booklet for
YUV(150.4370, 34.7876, 89.0708)
contains.

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Color

**YUV(150.4370, 34.7876,
89.0708)**

Conversions

Conversions Part 1

Format	Color
Hex	FC55DD
RGB	252, 85, 221
RGB Percent	99%, 33%, 87%
CMY	0.0118, 0.6667, 0.1333
CMYK	0.00, 0.66, 0.12, 0.01
HSL	311°, 97%, 66%
HSV	311°, 66%, 99%
XYZ	56.4445, 32.4129, 71.6880
YIQ	150.4370, 55.8760, 77.7000

Conversions

Conversions Part 2

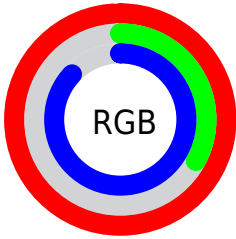
Format	Color
R _{YB}	252, 85, 221
Decimal	16537053
CIE Lab	63.68, 76.81, -36.61
CIE LCh	64, 85.090, 334.519
Yxy	32.4129, 0.3516, 0.2019
Android (android.graphics.Color)	4294727133 (0xFFFC55DD)
YUV	150.4370, 34.7876, 89.0708
Hunter-Lab	56.9323, 77.3390, -34.8041

Details

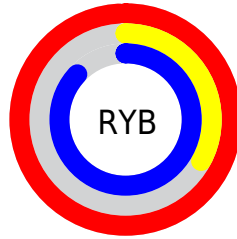
The YUV color **150.4370, 34.7876, 89.0708** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **186.5630, -34.7876, -89.0708**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4300, 31.8330, 56.6279**, and **76.2180, 43.7695, 101.5408** is the 20% darker color. If you saturate the color by 10%, you get **135.1920, 39.8383, 102.4406**, and if you desaturate by 10%, it is **165.6820, 29.7368, 75.7009**.

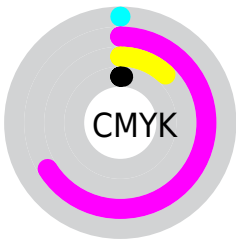
Distribution



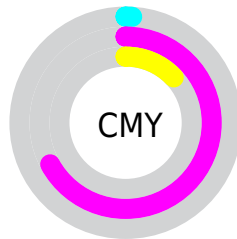
- Red (99%)
- Green (33%)
- Blue (87%)



- Red (99%)
- Yellow (33%)
- Blue (87%)



- Cyan (0%)
- Magenta (66%)
- Yellow (12%)
- Black (1%)





- Cyan (1%)
- Magenta (67%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 150.4370, 34.7876, 89.0708 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 150.4370, 34.7876, 89.0708 by changing the saturation by 10% instead.


 150.4370, 34.7876,
89.0708


 150.4370, 34.7876,
89.0708


255.0000, 0.0000,
0.0000


 118.3170, 36.8187,
90.9300


 190.4300, 31.8330,
56.6279

 76.2180, 43.7695,
101.5408


 208.0400, 23.1513,
41.1839


 64.2840, 36.8350,
85.6969

 225.6500, 14.4696,
25.7400

 52.6490, 29.7530,
70.4678

 243.2600, 5.7878,
10.2960

 41.4270, 22.9605,
55.7535

 30.3190, 16.6047,
40.9392

 19.3250, 10.6858,

26.0250

■ 4.2590, 7.2673,
2.4039

■ 0.0000, 0.0000,
0.0000

■ 150.4370, 34.7876,
89.0708

■ 150.4370, 34.7876,
89.0708

■ 135.1920, 39.8383,
102.4406

■ 165.6820, 29.7368,
75.7009

■ 120.0610, 45.3259,
115.7105

■ 180.8130, 24.2492,
62.4310

■ 104.2290, 50.6661,
129.5952

■ 196.6450, 18.9090,
48.5463

■ 98.7180, 52.3970,
134.4283

■ 211.8900, 13.8582,
35.1765

■ 227.0210, 8.3706,
21.9066

■ 242.2660, 3.3199,
8.5367

■ 253.9890, 0.0054,
-1.7444

■ 254.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



153.5410, 50.0193, 10.0495



150.4370, 34.7876, 89.0708



126.9350, 9.3990, 112.3130

Triad

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



150.4370, 34.7876, 89.0708



143.6090, -70.7992, 28.4069



136.4280, 50.5680, -119.6474

Complementary

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



150.4370, 34.7876, 89.0708



186.5630, -34.7876, -89.0708

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.



128.4650, 17.5188, -112.6638



150.4370, 34.7876, 89.0708



129.9560, -64.0683, -30.6564

Square

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



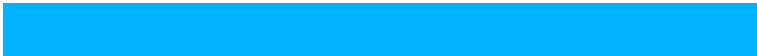
150.4370, 34.7876, 89.0708



143.9390, -70.9619, 80.7375



116.9970, -16.2675, -102.6064



134.1430, 59.5825, -117.6434

Rectangle

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



150.4370, 34.7876, 89.0708



129.5670, -16.0555, 110.0047



116.9970, -16.2675, -102.6064



134.2790, 39.7955, -117.7627

Sweetspot

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



150.4370, 34.7876, 89.0708



224.0370, 10.8278, 27.1546



113.3070, 68.3756, 2.3618



109.1190, 6.3503, 16.5586



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.



150.4370, 34.7876, 89.0708



130.9200, 42.4374, 108.8182



140.9750, -1.4667, 97.3689



117.1410, 2.8885, 6.8923



74.0670, 39.4070, 100.7962



23.9390, 12.8481, 32.5025

Inverse Universe

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



150.4370, 34.7876, 89.0708



130.9200, 42.4374, 108.8182



196.0250, 1.4667, -97.3689



117.1410, 2.8885, 6.8923



74.0670, 39.4070, 100.7962



23.9390, 12.8481, 32.5025

Previews

White Background



This preview shows how the YUV color 150.4370, 34.7876, 89.0708 looks on a white background.

Color Contrast Check

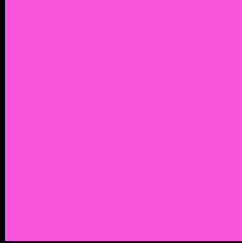
Large Text (above 18pt) WCAG AA × Fail

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 150.4370, 34.7876, 89.0708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

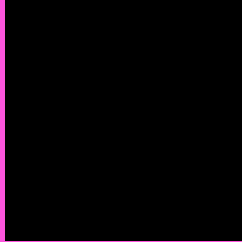
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.4370, 34.7876, 89.0708

Background



This preview shows how black text looks on a background with the YUV color 150.4370, 34.7876, 89.0708.



This preview shows how white text looks on a background with the YUV color 150.4370, 34.7876, 89.0708.

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

150.4370, 34.7876, 89.0708

Protanopia

150.8960, 51.3233, -34.9888

Deuteranopia

154.2410, 27.9822, -15.1204



Tritanopia

153.1840, -15.3737, 77.8916

Trichromacy



Original Color

150.4370, 34.7876, 89.0708



Protanomaly

150.6890, 45.5093, 9.9197



Deuteranomaly

153.1670, 30.4837, 22.6555



Tritanomaly

152.0270, 2.9447, 82.4143

Monochromacy



Original Color

150.4370, 34.7876, 89.0708



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.9390, 12.8481, 32.5025

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.4370, 34.7876, 89.0708 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(252, 85, 221)` looks like.

```
.text, #text, p{  
    color:rgb(252, 85, 221)  
}
```

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(252, 85, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 85, 221) }
```

Border

The CSS property to change the border of an element to YUV 150.4370, 34.7876, 89.0708 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(252, 85, 221) }
```


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

```
.border{ border-color:rgb(252, 85, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 85, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 85, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 85, 221);  
box-shadow:4px 4px 4px 4px rgb(252, 85,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 150.4370, 34.7876, 89.0708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 85, 221) }
```

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

```
.background{ background-color: rgb(252, 85,  
221) }
```

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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