

Converting Colors

YUV(167.5370, 43.1193,
76.7051)

Have a look what the booklet for
YUV(167.5370, 43.1193, 76.7051)
contains.

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Color

**YUV(167.5370, 43.1193,
76.7051)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6AFF
RGB	255, 106, 255
RGB Percent	100%, 42%, 100%
CMY	0.0000, 0.5843, 0.0000
CMYK	0.00, 0.58, 0.00, 0.00
HSL	300°, 100%, 71%
HSV	300°, 58%, 100%
XYZ	64.4440, 38.7881, 98.6980
YIQ	167.5370, 40.9750, 77.9270

Conversions

Conversions Part 2

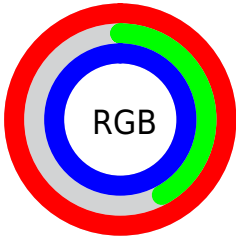
Format	Color
R _{YB}	255, 106, 255
Decimal	16739071
CIE _{Lab}	68.60, 74.61, -47.70
CIE _{LCh}	69, 88.557, 327.408
Y _{xy}	38.7881, 0.3191, 0.1921
Android (android.graphics.Color)	4294929151 (0xFFFF6AFF)
YUV	167.5370, 43.1193, 76.7051
Hunter-Lab	62.2801, 75.7120, -50.3635

Details

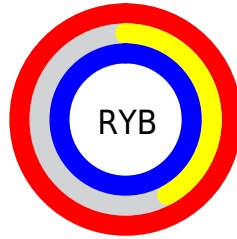
The YUV color **167.5370, 43.1193, 76.7051** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **193.4630, -43.1193, -76.7051**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5830, 26.3346, 46.8467**, and **104.9440, 45.8766, 78.9791** is the 20% darker color. If you saturate the color by 10%, you get **152.8620, 50.3540, 89.5750**, and if you desaturate by 10%, it is **182.7990, 35.5951, 63.3203**.

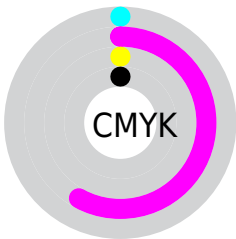
Distribution



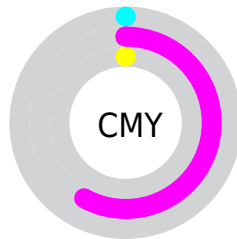
- Red (100%)
- Green (42%)
- Blue (100%)



- Red (100%)
- Yellow (42%)
- Blue (100%)



- Cyan (0%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 167.5370, 43.1193, 76.7051 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 167.5370, 43.1193, 76.7051 by changing the saturation by 10% instead.


 167.5370, 43.1193,
76.7051


 167.5370, 43.1193,
76.7051


255.0000, 0.0000,
0.0000

 137.6510, 43.5561,
76.6051


 201.5830, 26.3346,
46.8467

 104.9440, 45.8766,
78.9791


 219.1930, 17.6529,
31.4027


 69.0140, 49.7861,
85.0567

 236.2160, 9.2605,
16.4736

 57.2650, 42.2674,
69.9276

253.8260, 0.5788,
1.0296

 45.6300, 35.1854,
54.6985

 34.2940, 27.9561,
40.0842

 24.0830, 21.1581,

27.1142

■ 11.8930, 15.8288,
9.7408

■ 3.0950, 9.3202,
-2.7143

■ 167.5370, 43.1193,
76.7051

■ 167.5370, 43.1193,
76.7051

■ 152.8620, 50.3540,
89.5750

■ 182.7990, 35.5951,
63.3203

■ 137.6000, 57.8782,
102.9598

■ 197.4740, 28.3603,
50.4503

■ 122.9250, 65.1130,
115.8298

■ 212.7360, 20.8362,
37.0655

■ 107.6630, 72.6371,
129.2145

■ 227.4110, 13.6014,
24.1956

■ 105.3150, 73.7947,
131.2737

■ 242.6730, 6.0772,
10.8108

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.



159.5890, 47.0376, -13.6716



167.5370, 43.1193, 76.7051



137.6270, 19.9039, 102.9361

Triad

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



167.5370, 43.1193, 76.7051



156.9870, -77.3946, 43.8614



145.8200, 45.9377, -127.8841

Complementary

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



167.5370, 43.1193, 76.7051



193.4630, -43.1193, -76.7051

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.



136.5860, 10.5571, -119.7859



167.5370, 43.1193, 76.7051



146.5790, -72.2634, -15.4168

Square

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



167.5370, 43.1193, 76.7051



151.8200, -70.4103, 90.4889



123.3740, -24.8344, -108.1990



144.1220, 54.6629, -126.3950

Rectangle

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



167.5370, 43.1193, 76.7051



134.5200, -4.6934, 105.6610



123.3740, -24.8344, -108.1990



143.4430, 34.2916, -125.7995

Sweetspot

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



167.5370, 43.1193, 76.7051



227.9980, 13.3120, 23.6808



122.9860, 65.0829, -14.8967



110.9770, 8.3923, 14.9292



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.



167.5370, 43.1193, 76.7051



150.5140, 51.5116, 91.6342



159.1010, 10.7962, 84.1034



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

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



167.5370, 43.1193, 76.7051



150.5140, 51.5116, 91.6342



202.0130, -10.3594, -84.2034



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 167.5370, 43.1193, 76.7051 looks on a white background.

Color Contrast Check

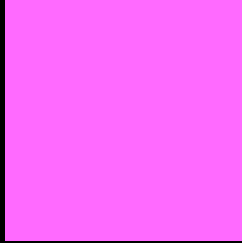
Large Text (above 18pt) WCAG AA × Fail

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 167.5370, 43.1193, 76.7051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

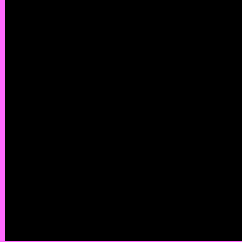
Any Text WCAG AA ✓ Pass

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 167.5370, 43.1193, 76.7051 Background



This preview shows how black text looks on a background with the YUV color 167.5370, 43.1193, 76.7051.



This preview shows how white text looks on a background with the YUV color 167.5370, 43.1193,

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

167.5370, 43.1193, 76.7051

Protanopia

165.9910, 43.8814, -28.0561

Deuteranopia

165.7370, 39.0767, -26.9563



Tritanopia

168.8340, -11.2572, 64.1666

Trichromacy



Original Color

167.5370, 43.1193, 76.7051



Protanomaly

166.8200, 43.4727, 9.8049



Deuteranomaly

166.4350, 40.7045, 11.0195

Tritanomaly

168.4320, 8.6610, 68.9041

Monochromacy



Original Color

167.5370, 43.1193, 76.7051



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.7150, 15.9165, 28.3139

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.5370, 43.1193, 76.7051 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, 106, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 106, 255)  
}
```

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, 106, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 106, 255) }
```

Border

The CSS property to change the border of an element to YUV 167.5370, 43.1193, 76.7051 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, 106, 255) }
```


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

```
.border{ border-color:rgb(255, 106, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 106, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 106, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 106, 255); box-shadow:4px 4px 4px 4px rgb(255, 106, 255) }
```

Background

The CSS property to change the background color of an element to YUV 167.5370, 43.1193, 76.7051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 106, 255) }
```

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

```
.background{ background-color: rgb(255,  
106, 255) }
```

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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