

Converting Colors

YUV(151.2270, 46.7231,
87.5009)

Have a look what the booklet for
YUV(151.2270, 46.7231, 87.5009)
contains.

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Color

**YUV(151.2270, 46.7231,
87.5009)**

Conversions

Conversions Part 1

Format	Color
Hex	FB52F6
RGB	251, 82, 246
RGB Percent	98%, 32%, 96%
CMY	0.0157, 0.6784, 0.0353
CMYK	0.00, 0.67, 0.02, 0.02
HSL	302°, 95%, 65%
HSV	302°, 67%, 98%
XYZ	59.4355, 33.1976, 90.4640
YIQ	151.2270, 48.0800, 86.8320

Conversions

Conversions Part 2

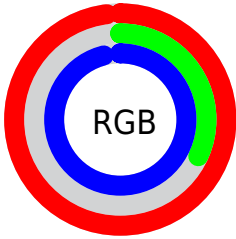
Format	Color
R _Y B	251, 82, 246
Decimal	16470774
CIE Lab	64.32, 81.36, -49.54
CIE LCh	64, 95.253, 328.665
Yxy	33.1976, 0.3246, 0.1813
Android (android.graphics.Color)	4294660854 (0xFFFB52F6)
YUV	151.2270, 46.7231, 87.5009
Hunter-Lab	57.6174, 83.3021, -52.7579

Details

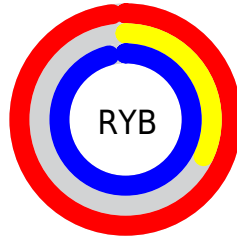
The YUV color **151.2270, 46.7231, 87.5009** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **181.7730, -46.7231, -87.5009**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.2560, 32.4118, 57.6575**, and **78.6550, 54.4001, 98.5266** is the 20% darker color. If you saturate the color by 10%, you get **136.4380, 53.5211, 100.4709**, and if you desaturate by 10%, it is **166.0160, 39.9251, 74.5310**.

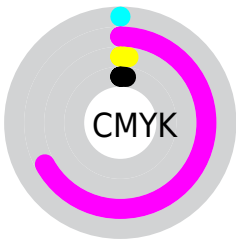
Distribution



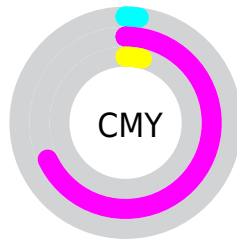
- Red (98%)
- Green (32%)
- Blue (96%)



- Red (98%)
- Yellow (32%)
- Blue (96%)



- Cyan (0%)
- Magenta (67%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (68%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.2270, 46.7231, 87.5009 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 151.2270, 46.7231, 87.5009 by changing the saturation by 10% instead.


 151.2270, 46.7231,
87.5009


 151.2270, 46.7231,
87.5009


255.0000, 0.0000,
0.0000


 117.8190, 48.8962,
90.4897


 189.2560, 32.4118,
57.6575


 78.6550, 54.4001,
98.5266


 206.8660, 23.7301,
42.2135


 66.4930, 46.5920,
82.8826

 224.4760, 15.0483,
26.7695

 54.8580, 39.5100,
67.6535

 242.0860, 6.3666,
11.3256

 43.2230, 32.4281,
52.4244

 32.0010, 25.6355,
37.7101

 20.8930, 19.2798,

22.8958

■ 6.6100, 14.9823,
1.2190

■ 2.0690, 5.3890,
-1.8145

■ 151.2270, 46.7231,
87.5009

■ 151.2270, 46.7231,
87.5009

■ 136.4380, 53.5211,
100.4709

■ 166.0160, 39.9251,
74.5310

■ 121.7630, 60.7558,
113.3408

■ 180.6910, 32.6903,
61.6610

■ 106.9740, 67.5538,
126.3108

■ 195.4800, 25.8924,
48.6910

■ 102.8650, 69.5796,
129.9144

■ 210.2690, 19.0944,
35.7211

225.6450, 12.0070,
22.2363

240.3200, 4.7722,
9.3664

253.3480, -1.1576,
-2.0592

253.4620, -0.7208,
-2.1592

253.5760, -0.2840,
-2.2592

Harmonies

Analogous

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



147.7830, 52.8580, -13.8417



151.2270, 46.7231, 87.5009



103.7460, 29.7052, 132.6498

Triad

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



151.2270, 46.7231, 87.5009



146.0450, -72.0002, 40.3025



139.6080, 47.5213, -122.4362

Complementary

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



151.2270, 46.7231, 87.5009



181.7730, -46.7231, -87.5009

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.



129.2170, 10.2460, -113.3233



151.2270, 46.7231, 87.5009



134.1310, -66.1266, -23.7939

Square

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



151.2270, 46.7231, 87.5009



143.1630, -70.5794, 98.0810



115.6800, -28.9292, -101.4514



138.2520, 57.5568, -121.2470

Rectangle

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



151.2270, 46.7231, 87.5009



109.6890, -0.8327, 127.4377



115.6800, -28.9292, -101.4514



136.4160, 35.2909, -119.6368

Sweetspot

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



151.2270, 46.7231, 87.5009



224.8350, 13.8853, 26.4547



102.1630, 73.3766, -15.0520



109.6890, 8.5343, 16.0587



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.



151.2270, 46.7231, 87.5009



132.8070, 57.2831, 107.1633



141.8790, 10.9057, 95.6991



117.3690, 3.7621, 6.6924



77.3730, 52.0741, 97.8969



24.9650, 16.7793, 31.6027

Inverse Universe

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



151.2270, 46.7231, 87.5009



132.8070, 57.2831, 107.1633



191.1210, -10.9057, -95.6991



117.3690, 3.7621, 6.6924



77.3730, 52.0741, 97.8969



24.9650, 16.7793, 31.6027

Previews

White Background



This preview shows how the YUV color 151.2270, 46.7231, 87.5009 looks on a white background.

Color Contrast Check

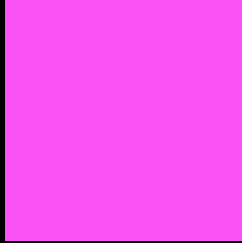
Large Text (above 18pt) WCAG AA × Fail

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 151.2270, 46.7231, 87.5009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

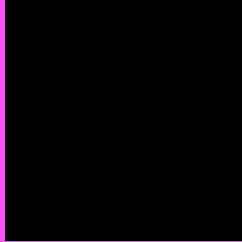
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.2270, 46.7231, 87.5009

Background



This preview shows how black text looks on a background with the YUV color 151.2270, 46.7231, 87.5009.



This preview shows how white text looks on a background with the YUV color 151.2270, 46.7231, 87.5009.

87.5009.

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

151.2270, 46.7231, 87.5009

Protanopia

152.9670, 50.3023, -34.1741

Deuteranopia

153.5410, 39.6663, -29.4155



Tritanopia

155.6070, -13.6103, 72.2587

Trichromacy



Original Color

151.2270, 46.7231, 87.5009



Protanomaly

152.3130, 49.1457, 10.2495



Deuteranomaly

152.5000, 42.1515, 13.5935



Tritanomaly

154.3730, 8.1971, 77.7259

Monochromacy



Original Color

151.2270, 46.7231, 87.5009



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

151.0790, 17.2161, 31.5027

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2270, 46.7231, 87.5009 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(251, 82, 246)` looks like.

```
.text, #text, p{  
    color:rgb(251, 82, 246)  
}
```

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(251, 82, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 82, 246) }
```

Border

The CSS property to change the border of an element to YUV 151.2270, 46.7231, 87.5009 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(251, 82, 246) }
```


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

```
.border{ border-color:rgb(251, 82, 246) }
```

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

Here you see how a box with a 4 pixel rgb(251, 82, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 82, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 82, 246);  
box-shadow:4px 4px 4px 4px rgb(251, 82,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 151.2270, 46.7231, 87.5009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 82, 246) }
```

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

```
.background{ background-color: rgb(251, 82,  
246) }
```

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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