

Converting Colors

YUV(151.4010, 46.1443,
86.4713)

Have a look what the booklet for
YUV(151.4010, 46.1443, 86.4713)
contains.

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Color

**YUV(151.4010, 46.1443,
86.4713)**

Conversions

Conversions Part 1

Format	Color
Hex	FA53F5
RGB	250, 83, 245
RGB Percent	98%, 33%, 96%
CMY	0.0196, 0.6745, 0.0392
CMYK	0.00, 0.67, 0.02, 0.02
HSL	302°, 94%, 65%
HSV	302°, 67%, 98%
XYZ	58.9990, 33.1031, 89.6661
YIQ	151.4010, 47.5300, 85.7860

Conversions

Conversions Part 2

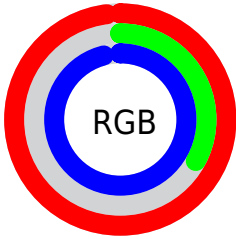
Format	Color
R _{YB}	250, 83, 245
Decimal	16405493
CIE _{Lab}	64.24, 80.64, -49.11
CIE _{LCh}	64, 94.417, 328.657
Yxy	33.1031, 0.3246, 0.1821
Android (android.graphics.Color)	4294595573 (0xFFFA53F5)
YUV	151.4010, 46.1443, 86.4713
Hunter-Lab	57.5353, 82.3545, -52.1261

Details

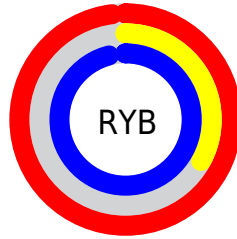
The YUV color **151.4010, 46.1443, 86.4713** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **181.5990, -46.1443, -86.4713**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8430, 32.1224, 57.1427**, and **78.2420, 54.1107, 98.0118** is the 20% darker color. If you saturate the color by 10%, you get **136.6120, 52.9423, 99.4413**, and if you desaturate by 10%, it is **166.1900, 39.3463, 73.5014**.

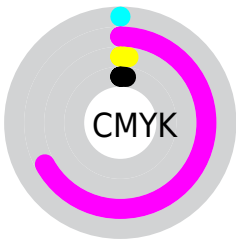
Distribution



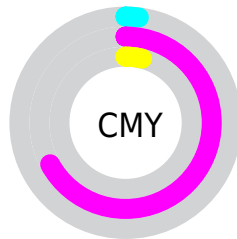
- Red (98%)
- Green (33%)
- Blue (96%)



- Red (98%)
- Yellow (33%)
- Blue (96%)



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





- Cyan (2%)
- Magenta (67%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.4010, 46.1443, 86.4713 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 151.4010, 46.1443, 86.4713 by changing the saturation by 10% instead.


 151.4010, 46.1443,
86.4713


 151.4010, 46.1443,
86.4713


255.0000, 0.0000,
0.0000


 118.5800, 48.0281,
88.9453


 189.8430, 32.1224,
57.1427

 78.2420, 54.1107,
98.0118


 207.4530, 23.4407,
41.6987


 66.1940, 46.7394,
82.2679

 225.0630, 14.7589,
26.2547

 54.4450, 39.2206,
67.1387

 242.6730, 6.0772,
10.8108

 42.8100, 32.1387,
51.9096

 31.5880, 25.3461,
37.1953

 20.4800, 18.9904,

22.3810

■ 5.8980, 14.8403,
0.0895

■ 1.2540, 4.8048,
-1.0998

■ 151.4010, 46.1443,
86.4713

■ 151.4010, 46.1443,
86.4713

■ 136.6120, 52.9423,
99.4413

■ 166.1900, 39.3463,
73.5014

■ 121.9370, 60.1771,
112.3113

■ 180.8650, 32.1116,
60.6314

■ 107.1480, 66.9750,
125.2812

■ 195.6540, 25.3136,
47.6614

■ 102.4520, 69.2902,
129.3996

■ 210.4430, 18.5156,
34.6915

225.2320, 11.7176,
21.7215

239.9070, 4.4828,
8.8516

252.9350, -1.4470,
-2.5740

253.0490, -1.0102,
-2.6740

253.1630, -0.5734,
-2.7740

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



151.4010, 46.1443, 86.4713



107.7410, 27.2427, 129.1461

Triad

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



151.4010, 46.1443, 86.4713



146.0450, -72.0002, 40.3025



138.9070, 47.3738, -121.8214

Complementary

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



151.4010, 46.1443, 86.4713



181.5990, -46.1443, -86.4713

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.



129.1030, 9.8092, -113.2233



151.4010, 46.1443, 86.4713



134.4300, -66.2740, -23.1791

Square

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



151.4010, 46.1443, 86.4713



143.1630, -70.5794, 98.0810



115.2070, -28.2031, -101.0365



137.6650, 57.8462, -120.7322

Rectangle

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



151.4010, 46.1443, 86.4713



111.4500, -1.7008, 125.8934



115.2070, -28.2031, -101.0365



135.8290, 35.5803, -119.1220

Sweetspot

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



151.4010, 46.1443, 86.4713



224.8350, 13.8853, 26.4547



102.9350, 72.5030, -14.8520



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.



151.4010, 46.1443, 86.4713



134.5680, 56.4150, 105.6189



142.1670, 10.7637, 94.5695



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.



151.4010, 46.1443, 86.4713



134.5680, 56.4150, 105.6189



190.8330, -10.7637, -94.5695



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 151.4010, 46.1443, 86.4713 looks on a white background.

Color Contrast Check

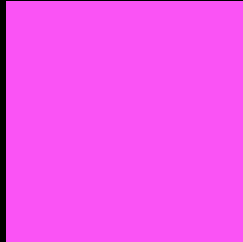
Large Text (above 18pt) WCAG AA × Fail

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 151.4010, 46.1443, 86.4713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

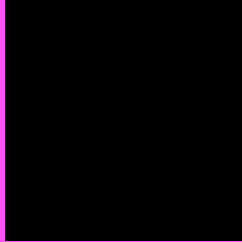
Any Text WCAG AA ✓ Pass

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 151.4010, 46.1443, 86.4713 Background



This preview shows how black text looks on a background with the YUV color 151.4010, 46.1443, 86.4713.



This preview shows how white text looks on a background with the YUV color 151.4010, 46.1443, 86.4713.

86.4713.

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

151.4010, 46.1443, 86.4713

Protanopia

152.6680, 50.4497, -34.7888

Deuteranopia

153.5410, 39.6663, -29.4155



Tritanopia

155.8950, -13.7522, 71.1291

Trichromacy



Original Color

151.4010, 46.1443, 86.4713



Protanomaly

152.4870, 48.5669, 9.2199



Deuteranomaly

152.7880, 42.0095, 12.4639



Tritanomaly

154.6610, 8.0551, 76.5963

Monochromacy



Original Color

151.4010, 46.1443, 86.4713



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

150.9650, 16.7793, 31.6027

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.4010, 46.1443, 86.4713 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(250, 83, 245)` looks like.

```
.text, #text, p{  
    color:rgb(250, 83, 245)  
}
```

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(250, 83, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 83, 245) }
```

Border

The CSS property to change the border of an element to YUV 151.4010, 46.1443, 86.4713 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(250, 83, 245) }
```


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

```
.border{ border-color:rgb(250, 83, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 83, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 83, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 83, 245);  
box-shadow:4px 4px 4px 4px rgb(250, 83,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 151.4010, 46.1443, 86.4713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 83, 245) }
```

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

```
.background{ background-color: rgb(250, 83,  
245) }
```

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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