

Converting Colors

YUV(146.2820, 43.2450,
83.0677)

Have a look what the booklet for
YUV(146.2820, 43.2450, 83.0677)
contains.

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Color

**YUV(146.2820, 43.2450,
83.0677)**

Conversions

Conversions Part 1

Format	Color
Hex	F151EA
RGB	241, 81, 234
RGB Percent	95%, 32%, 92%
CMY	0.0549, 0.6824, 0.0824
CMYK	0.00, 0.66, 0.03, 0.05
HSL	303°, 85%, 63%
HSV	303°, 66%, 95%
XYZ	54.0693, 30.5261, 80.8843
YIQ	146.2820, 46.2470, 81.5030

Conversions

Conversions Part 2

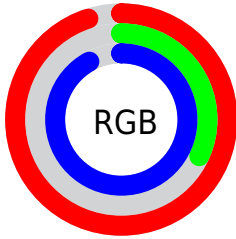
Format	Color
R _Y B	241, 81, 234
Decimal	15815146
CIE Lab	62.11, 77.63, -46.47
CIE LCh	62, 90.476, 329.096
Yxy	30.5261, 0.3267, 0.1845
Android (android.graphics.Color)	4294005226 (0xFFFF151EA)
YUV	146.2820, 43.2450, 83.0677
Hunter-Lab	55.2505, 77.9958, -48.1226

Details

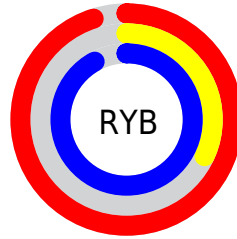
The YUV color **146.2820, 43.2450, 83.0677** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **175.7180, -43.2450, -83.0677**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0820, 32.9906, 58.6871**, and **74.4110, 51.0694, 93.4786** is the 20% darker color. If you saturate the color by 10%, you get **132.0800, 49.7536, 95.5228**, and if you desaturate by 10%, it is **160.4840, 36.7364, 70.6125**.

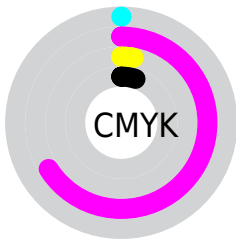
Distribution



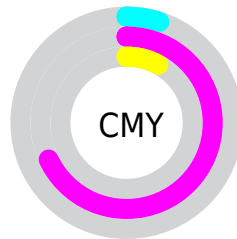
- Red (95%)
- Green (32%)
- Blue (92%)



- Red (95%)
- Yellow (32%)
- Blue (92%)



- Cyan (0%)
- Magenta (66%)
- Yellow (3%)
- Black (5%)





- Cyan (5%)
- Magenta (68%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.2820, 43.2450, 83.0677 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 146.2820, 43.2450, 83.0677 by changing the saturation by 10% instead.


 146.2820, 43.2450,
83.0677


 146.2820, 43.2450,
83.0677


255.0000, 0.0000,
0.0000


 113.4610, 45.1287,
85.5417


 188.0820, 32.9906,
58.6871


 74.4110, 51.0694,
93.4786


 205.6920, 24.3088,
43.2431


 62.5480, 43.1138,
78.4494

 222.7150, 15.9165,
28.3139

 50.9130, 36.0319,
63.2203

 240.3250, 7.2348,
12.8700

 39.6910, 29.2393,
48.5060

 28.7680, 22.2994,
34.4065

 17.3610, 16.0910,

18.9774

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 146.2820, 43.2450,
83.0677

■ 146.2820, 43.2450,
83.0677

■ 132.0800, 49.7536,
95.5228

■ 160.4840, 36.7364,
70.6125

■ 117.8780, 56.2621,
107.9780

■ 174.6860, 30.2278,
58.1574

■ 103.6760, 62.7707,
120.4331

■ 188.8880, 23.7192,
45.7022

■ 98.2790, 64.9385,
125.1663

■ 203.0900, 17.2106,
33.2471

217.8790, 10.4127,
20.2771

232.0810, 3.9041,
7.8220

246.2830, -2.6045,
-4.6332

249.3320, -3.6147,
-7.3072

249.4460, -3.1779,
-7.4071

Harmonies

Analogous

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



144.5490, 54.4523, -11.8825



146.2820, 43.2450, 83.0677



111.6390, 21.8700, 125.7276

Triad

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



146.2820, 43.2450, 83.0677



140.7180, -69.3740, 37.9583



133.8860, 45.9052, -117.4180

Complementary

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



146.2820, 43.2450, 83.0677



175.7180, -43.2450, -83.0677

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.



123.9510, 10.3772, -108.7050



146.2820, 43.2450, 83.0677



128.8260, -63.5112, -22.6494

Square

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



146.2820, 43.2450, 83.0677



138.1130, -68.0897, 92.8629



111.7990, -26.0299, -98.0477



133.5560, 59.8719, -117.1286

Rectangle

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



146.2820, 43.2450, 83.0677



113.8150, -5.3318, 123.8192



111.7990, -26.0299, -98.0477



130.9220, 34.5485, -114.8186

Sweetspot

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



146.2820, 43.2450, 83.0677



224.8350, 13.8853, 26.4547



100.7350, 69.1506, -12.9226



109.5750, 8.0975, 16.1587



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.



146.2820, 43.2450, 83.0677



134.2260, 55.1046, 105.9188



137.3900, 9.1747, 90.8660



112.8420, 3.0359, 6.2776



75.0800, 49.7536, 95.5228



22.9000, 15.3323, 29.0287

Inverse Universe

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



146.2820, 43.2450, 83.0677



134.2260, 55.1046, 105.9188



184.6100, -9.1747, -90.8660



112.8420, 3.0359, 6.2776



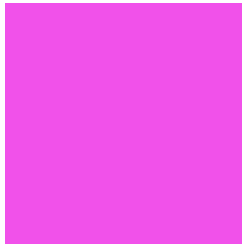
75.0800, 49.7536, 95.5228



22.9000, 15.3323, 29.0287

Previews

White Background



This preview shows how the YUV color 146.2820, 43.2450, 83.0677 looks on a white background.

Color Contrast Check

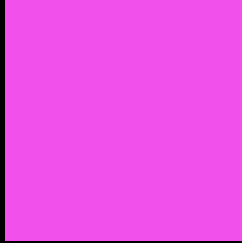
Large Text (above 18pt) WCAG AA × Fail

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 146.2820, 43.2450, 83.0677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

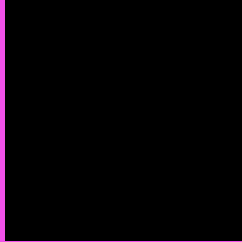
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.2820, 43.2450, 83.0677

Background



This preview shows how black text looks on a background with the YUV color 146.2820, 43.2450, 83.0677.



This preview shows how white text looks on a background with the YUV color 146.2820, 43.2450,

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

146.2820, 43.2450, 83.0677

Protanopia

146.1560, 53.6601, -37.8478

Deuteranopia

148.1670, 36.8927, -26.4565



Tritanopia

149.9980, -13.3100, 69.2848

Trichromacy



Original Color

146.2820, 43.2450, 83.0677



Protanomaly

146.1060, 49.7407, 6.0460



Deuteranomaly

147.4030, 39.2413, 13.6786



Tritanomaly

148.7100, 7.0450, 73.9223

Monochromacy



Original Color

146.2820, 43.2450, 83.0677



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.0250, 15.7637, 30.6731

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2820, 43.2450, 83.0677 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(241, 81, 234)` looks like.

```
.text, #text, p{  
    color:rgb(241, 81, 234)  
}
```

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(241, 81, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 81, 234) }
```

Border

The CSS property to change the border of an element to YUV 146.2820, 43.2450, 83.0677 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(241, 81, 234) }
```


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

```
.border{ border-color:rgb(241, 81, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 81, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 81, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 81, 234);  
box-shadow:4px 4px 4px 4px rgb(241, 81,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 146.2820, 43.2450, 83.0677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 81, 234) }
```

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

```
.background{ background-color: rgb(241, 81,  
234) }
```

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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