

Converting Colors

YUV(141.8910, 46.3957,
99.1966)

Have a look what the booklet for
YUV(141.8910, 46.3957, 99.1966)
contains.

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Color

**YUV(141.8910, 46.3957,
99.1966)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF42EC |
| RGB | 255, 66, 236 |
| RGB Percent | 100%, 26%, 93% |
| CMY | 0.0000, 0.7412, 0.0745 |
| CMYK | 0.00, 0.74, 0.07, 0.00 |
| HSL | 306°, 100%, 63% |
| HSV | 306°, 74%, 100% |
| XYZ | 58.3285, 31.2126, 82.3073 |
| YIQ | 141.8910, 58.0740, 92.9380 |

Conversions

Conversions Part 2

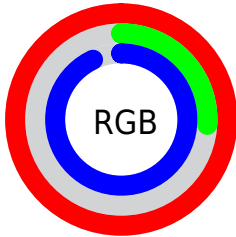
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 66, 236 |
| Decimal | 16728812 |
| CIE Lab | 62.69, 85.73, -46.52 |
| CIE LCh | 63, 97.540, 331.513 |
| Yxy | 31.2126, 0.3394, 0.1816 |
| Android (android.graphics.Color) | 4294918892 (0xFFFF42EC) |
| YUV | 141.8910, 46.3957, 99.1966 |
| Hunter-Lab | 55.8682, 88.5915, -48.2406 |

Details

The YUV color **141.8910, 46.3957, 99.1966** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **179.1090, -46.3957, -99.1966**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2120, 35.8845, 63.8351**, and **78.5260, 50.0267, 101.2707** is the 20% darker color. If you saturate the color by 10%, you get **126.2870, 52.6095, 112.8813**, and if you desaturate by 10%, it is **156.9080, 40.4714, 86.0267**.

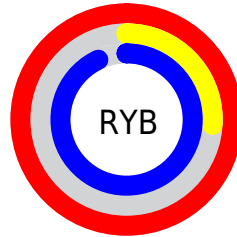
Distribution



Red (100%)

Green (26%)

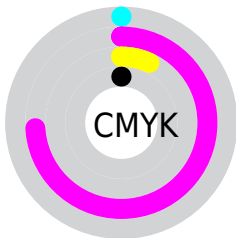
Blue (93%)



Red (100%)

Yellow (26%)

Blue (93%)

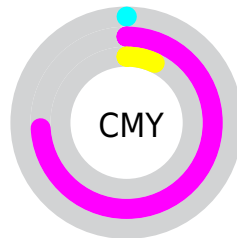


Cyan (0%)

Magenta (74%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 141.8910, 46.3957, 99.1966 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 141.8910, 46.3957, 99.1966 by changing the saturation by 10% instead.


 141.8910, 46.3957,
99.1966


 141.8910, 46.3957,
99.1966


255.0000, 0.0000,
0.0000


 99.3790, 53.0572,
109.2926


 182.2120, 35.8845,
63.8351


 78.5260, 50.0267,
101.2707


 200.4090, 26.9134,
47.8763

 66.3640, 42.2185,
85.6268


 218.0190, 18.2316,
32.4323

 54.7290, 35.1366,
70.3977

 236.2160, 9.2605,
16.4736

 43.0940, 28.0547,
55.1686

253.8260, 0.5788,
1.0296

 31.9860, 21.6989,
40.3543

 20.5790, 15.4906,

24.9252

■ 6.2960, 11.1931,
3.2484

■ 0.0000, 0.0000,
0.0000

■ 141.8910, 46.3957,
99.1966

■ 141.8910, 46.3957,
99.1966

■ 126.2870, 52.6095,
112.8813

■ 156.9080, 40.4714,
86.0267

■ 111.3840, 58.9707,
125.9512

■ 172.3980, 33.8208,
72.4420

■ 102.3510, 62.4380,
133.8732

■ 188.0020, 27.6070,
58.7572

■ 202.9050, 21.2458,
45.6873

218.5090, 15.0321,
32.0026

233.4120, 8.6709,
18.9327

248.4290, 2.7465,
5.7628

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.



145.4900, 53.9884, -3.0607



141.8910, 46.3957, 99.1966



93.4590, 28.3677, 141.6715

Triad

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



141.8910, 46.3957, 99.1966



141.8700, -69.9419, 33.4400



137.2430, 51.1522, -120.3621

Complementary

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



141.8910, 46.3957, 99.1966



179.1090, -46.3957, -99.1966

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.



127.3250, 13.1508, -111.6640



141.8910, 46.3957, 99.1966



127.5750, -62.8945, -33.8303

Square

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



141.8910, 46.3957, 99.1966



139.2980, -68.6739, 93.5777



113.6740, -26.4613, -99.6921



135.3170, 59.0037, -118.6730

Rectangle

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



141.8910, 46.3957, 99.1966



97.0540, -1.0126, 138.5186



113.6740, -26.4613, -99.6921



134.6380, 38.6325, -118.0775

Sweetspot

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



141.8910, 46.3957, 99.1966



221.4440, 13.5851, 29.4286



93.2270, 79.7541, -7.2151



107.5860, 8.0921, 17.9031



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.



141.8910, 46.3957, 99.1966



119.1290, 55.6454, 119.1589



131.1750, 5.3367, 108.5945



120.1410, 2.8885, 6.8923



76.7170, 46.9745, 100.2262



25.6340, 15.4634, 33.6470

Inverse Universe

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



141.8910, 46.3957, 99.1966



119.1290, 55.6454, 119.1589



189.8250, -5.3367, -108.5945



120.1410, 2.8885, 6.8923



76.7170, 46.9745, 100.2262



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 141.8910, 46.3957, 99.1966 looks on a white background.

Color Contrast Check

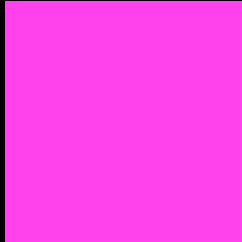
Large Text (above 18pt) WCAG AA × Fail

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 141.8910, 46.3957, 99.1966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

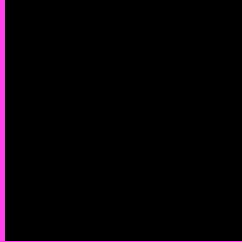
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 141.8910, 46.3957, 99.1966

Background



This preview shows how black text looks on a background with the YUV color 141.8910, 46.3957, 99.1966.



This preview shows how white text looks on a background with the YUV color 141.8910, 46.3957, 99.1966.

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

141.8910, 46.3957, 99.1966

Protanopia

147.9280, 52.7865, -37.6479

Deuteranopia

150.3520, 36.3085, -25.7417



Tritanopia

149.1630, -16.8424, 82.2950

Trichromacy



Original Color

141.8910, 46.3957, 99.1966



Protanomaly

145.9650, 50.3033, 12.3087



Deuteranomaly

147.2620, 39.8038, 19.9412



Tritanomaly

146.5700, 6.1280, 88.0771

Monochromacy



Original Color

141.8910, 46.3957, 99.1966



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

141.6990, 16.9104, 36.2210

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.8910, 46.3957, 99.1966 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, 66, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 66, 236)  
}
```

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, 66, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 66, 236) }
```

Border

The CSS property to change the border of an element to YUV 141.8910, 46.3957, 99.1966 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, 66, 236) }
```


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

```
.border{ border-color:rgb(255, 66, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 66, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 66, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 66, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 66,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 141.8910, 46.3957, 99.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 66, 236) }
```

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

```
.background{ background-color: rgb(255, 66,  
236) }
```

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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