

Converting Colors

YUV(146.1840, 45.2653,
88.4156)

Have a look what the booklet for
YUV(146.1840, 45.2653, 88.4156)
contains.

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Color

**YUV(146.1840, 45.2653,
88.4156)**

Conversions

Conversions Part 1

Format	Color
Hex	F74DEE
RGB	247, 77, 238
RGB Percent	97%, 30%, 93%
CMY	0.0314, 0.6980, 0.0667
CMYK	0.00, 0.69, 0.04, 0.03
HSL	303°, 91%, 64%
HSV	303°, 69%, 97%
XYZ	56.4443, 31.2550, 83.9468
YIQ	146.1840, 49.6390, 86.1110

Conversions

Conversions Part 2

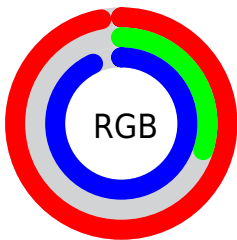
Format	Color
R _{YB}	247, 77, 238
Decimal	16207342
CIE _{Lab}	62.72, 80.95, -47.66
CIE _{LCh}	63, 93.941, 329.511
Yxy	31.2550, 0.3288, 0.1821
Android (android.graphics.Color)	4294397422 (0xFFFF74DEE)
YUV	146.1840, 45.2653, 88.4156
Hunter-Lab	55.9061, 82.3824, -49.8936

Details

The YUV color **146.1840, 45.2653, 88.4156** 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 **177.8160, -45.2653, -88.4156**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.9080, 33.5694, 59.7167**, and **76.5470, 51.4953, 96.8673** is the 20% darker color. If you saturate the color by 10%, you get **131.3950, 52.0633, 101.3856**, and if you desaturate by 10%, it is **160.9730, 38.4673, 75.4457**.

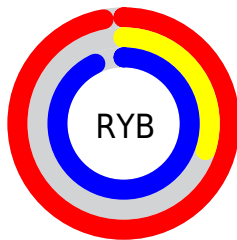
Distribution



Red (97%)

Green (30%)

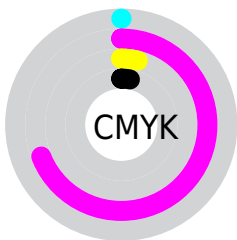
Blue (93%)



Red (97%)

Yellow (30%)

Blue (93%)

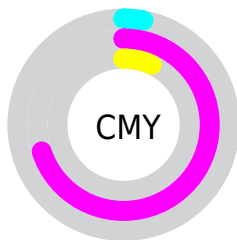


Cyan (0%)

Magenta (69%)

Yellow (4%)

Black (3%)



Cyan (3%)


Magenta (70%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.1840, 45.2653, 88.4156 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 146.1840, 45.2653, 88.4156 by changing the saturation by 10% instead.


 146.1840, 45.2653,
88.4156


 146.1840, 45.2653,
88.4156


255.0000, 0.0000,
0.0000


 111.6020, 48.0172,
92.4340


 186.9080, 33.5694,
59.7167

 76.5470, 51.4953,
96.8673


 204.5180, 24.8876,
44.2727


 64.4990, 44.1240,
81.1234

 222.1280, 16.2059,
28.8287

 52.8640, 37.0420,
65.8943

 239.7380, 7.5242,
13.3848

 41.2290, 29.9601,
50.6652

 30.3060, 23.0201,
36.5656

 18.8990, 16.8118,

21.1366

■ 3.5340, 13.5407,
-3.0993

■ 0.2280, 0.8736,
-0.2000

■ 146.1840, 45.2653,
88.4156

■ 146.1840, 45.2653,
88.4156

■ 131.3950, 52.0633,
101.3856

■ 160.9730, 38.4673,
75.4457

■ 117.0790, 58.1351,
113.9407

■ 175.2890, 32.3955,
62.8905

■ 102.2900, 64.9330,
126.9107

■ 190.0780, 25.5975,
49.9206

■ 100.5290, 65.8012,
128.4551

■ 204.8670, 18.7996,
36.9506

219.7700, 12.4384,
23.8807

233.9720, 5.9298,
11.4256

248.7610, -0.8682,
-1.5444

251.8100, -1.8783,
-4.2184

252.0380, -1.0047,
-4.4183

Harmonies

Analogous

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



145.1470, 54.1575, -10.6529



146.1840, 45.2653, 88.4156



97.0780, 29.5415, 138.4976

Triad

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



146.1840, 45.2653, 88.4156



142.1910, -70.1002, 37.5435



136.2170, 47.2210, -119.4623

Complementary

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



146.1840, 45.2653, 88.4156



177.8160, -45.2653, -88.4156

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.



126.0540, 10.8194, -110.5494



146.1840, 45.2653, 88.4156



129.9890, -64.0846, -25.4234

Square

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



146.1840, 45.2653, 88.4156



139.3090, -68.6793, 95.3220



112.8590, -27.0455, -98.9773



135.3170, 59.0037, -118.6730

Rectangle

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



146.1840, 45.2653, 88.4156



107.8310, -2.8747, 129.0672



112.8590, -27.0455, -98.9773



133.2530, 35.8643, -116.8629

Sweetspot

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



146.1840, 45.2653, 88.4156



222.9600, 14.3167, 28.0991



99.0710, 72.9290, -11.4633



108.9880, 8.3869, 16.6735



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.



146.1840, 45.2653, 88.4156



129.3020, 56.5461, 110.2371



136.4940, 8.1375, 96.9138



114.9560, 3.4727, 6.1776



75.6780, 49.4587, 96.7524



24.0250, 15.7637, 30.6731

Inverse Universe

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



146.1840, 45.2653, 88.4156



129.3020, 56.5461, 110.2371



187.5060, -8.1375, -96.9138



114.9560, 3.4727, 6.1776



75.6780, 49.4587, 96.7524



24.0250, 15.7637, 30.6731

Previews

White Background



This preview shows how the YUV color 146.1840, 45.2653, 88.4156 looks on a white background.

Color Contrast Check

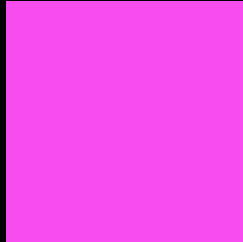
Large Text (above 18pt) WCAG AA × Fail

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 146.1840, 45.2653, 88.4156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

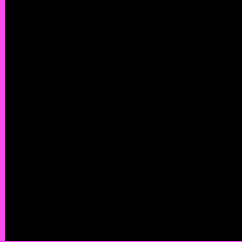
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.1840, 45.2653, 88.4156

Background



This preview shows how black text looks on a background with the YUV color 146.1840, 45.2653, 88.4156.



This preview shows how white text looks on a background with the YUV color 146.1840, 45.2653, 88.4156.

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

146.1840, 45.2653, 88.4156

Protanopia

148.2270, 52.6391, -37.0331

Deuteranopia

149.6830, 37.6243, -27.7860



Tritanopia

150.7920, -14.1945, 72.9734

Trichromacy



Original Color

146.1840, 45.2653, 88.4156



Protanomaly

147.5300, 50.0247, 8.3052



Deuteranomaly

148.3430, 40.2569, 14.6082



Tritanomaly

149.4440, 7.1761, 78.5406

Monochromacy



Original Color

146.1840, 45.2653, 88.4156



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.1500, 16.1950, 32.3174

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.1840, 45.2653, 88.4156 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(247, 77, 238)` looks like.

```
.text, #text, p{  
    color:rgb(247, 77, 238)  
}
```

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(247, 77, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 77, 238) }
```

Border

The CSS property to change the border of an element to YUV 146.1840, 45.2653, 88.4156 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(247, 77, 238) }
```


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

```
.border{ border-color:rgb(247, 77, 238) }
```

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

Here you see how a box with a 4 pixel rgb(247, 77, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 77, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 77, 238);  
box-shadow:4px 4px 4px 4px rgb(247, 77,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 146.1840, 45.2653, 88.4156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 77, 238) }
```

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

```
.background{ background-color: rgb(247, 77,  
238) }
```

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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