

# Converting Colors

YUV(146.6470, 19.4010,  
77.4856)

Have a look what the booklet for  
YUV(146.6470, 19.4010, 77.4856)  
contains.

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# Color

**YUV(146.6470, 19.4010,  
77.4856)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB5EBA
RGB	235, 94, 186
RGB Percent	92%, 37%, 73%
CMY	0.0784, 0.6314, 0.2706
CMYK	0.00, 0.60, 0.21, 0.08
HSL	321°, 78%, 65%
HSV	321°, 60%, 92%
XYZ	47.1266, 29.2127, 49.6092
YIQ	146.6470, 54.5040, 58.5040

# Conversions

## Conversions Part 2

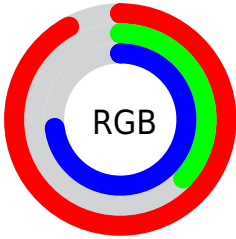
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">235, 94, 186</a>
Decimal	<a href="#">15425210</a>
CIELab	<a href="#">60.97, 63.98, -21.19</a>
CIELCh	<a href="#">61, 67.398, 341.673</a>
Yxy	<a href="#">29.2127, 0.3742, 0.2319</a>
Android (android.graphics.Color)	<a href="#">4293615290 (0xFFEB5EBA)</a>
YUV	<a href="#">146.6470, 19.4010, 77.4856</a>
Hunter-Lab	<a href="#">54.0488, 61.0534, -16.5856</a>

# Details

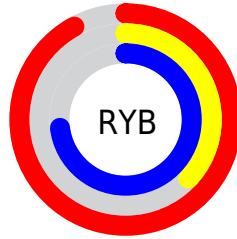
The YUV color **146.6470, 19.4010, 77.4856** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **182.3530, -19.4010, -77.4856**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.4700, 24.4183, 54.8388**, and **85.3960, 23.4688, 79.4597** is the 20% darker color. If you saturate the color by 10%, you get **132.2340, 22.5626, 90.1258**, and if you desaturate by 10%, it is **161.6470, 15.9500, 64.3306**.

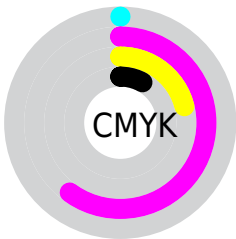
# Distribution



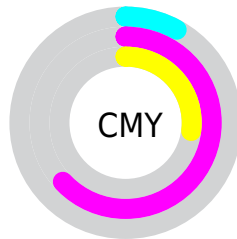
- Red (92%)
- Green (37%)
- Blue (73%)



- Red (92%)
- Yellow (37%)
- Blue (73%)



- Cyan (0%)
- Magenta (60%)
- Yellow (21%)
- Black (8%)




- Cyan (8%)
- Magenta (63%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 146.6470, 19.4010, 77.4856 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 146.6470, 19.4010, 77.4856 by changing the saturation by 10% instead.





 146.6470, 19.4010,  
77.4856


 146.6470, 19.4010,  
77.4856


255.0000, 0.0000,  
0.0000


 117.5760, 20.4220,  
76.6708


 192.4700, 24.4183,  
54.8388


 85.3960, 23.4688,  
79.4597


 210.9750, 21.7043,  
38.6099


 56.1510, 25.0686,  
79.6746

 227.9980, 13.3120,  
23.6808

 45.0430, 18.7128,  
64.8603

 245.0210, 4.9196,  
8.7516

 34.0490, 12.7938,  
49.9460

 23.7670, 7.0169,  
36.1613

 12.3600, 0.8085,

20.7323

■ 0.0000, 0.0000,  
0.0000

■ 146.6470, 19.4010,  
77.4856

■ 146.6470, 19.4010,  
77.4856

■ 132.2340, 22.5626,  
90.1258

■ 161.6470, 15.9500,  
64.3306

■ 117.2340, 26.0136,  
103.2808

■ 176.0600, 12.7884,  
51.6904

■ 102.2340, 29.4646,  
116.4358

■ 190.5870, 10.0636,  
38.9502

■ 87.7070, 32.1894,  
129.1760

■ 205.5870, 6.6126,  
25.7952

■ 220.0000, 3.4510,  
13.1550

■ 235.0000, 0.0000,  
0.0000

■ 247.6520, -2.2934,  
-11.0958

■ 248.5640, 1.2009,  
-11.8956

■ 249.0200, 2.9481,  
-12.2955

# Harmonies

## Analogous

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



150.9790, 42.4084, 24.5744



146.6470, 19.4010, 77.4856



140.7920, -7.2925, 99.2834

# Triad

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



146.6470, 19.4010, 77.4856



135.2700, -66.6881, 16.4262



127.2010, 48.2149, -111.5553

# Complementary

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



146.6470, 19.4010, 77.4856



182.3530, -19.4010, -77.4856

# 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.



121.9910, 23.1754, -106.9861



146.6470, 19.4010, 77.4856



128.4540, -39.1708, -36.3552

# Square

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



146.6470, 19.4010, 77.4856



140.1300, -60.7031, 56.8910



113.1620, -3.0379, -99.2431



125.3380, 63.9234, -109.9214



# Rectangle

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



146.6470, 19.4010, 77.4856



141.1230, -26.1896, 93.7311



113.1620, -3.0379, -99.2431



125.8500, 40.5000, -110.3704

# Sweetspot

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



146.6470, 19.4010, 77.4856



226.1740, 6.3232, 25.2804



124.1270, 54.6604, 14.7976



109.8370, 4.0244, 15.9290



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.



146.6470, 19.4010, 77.4856



139.6960, 25.2929, 101.1216



138.8950, -10.3012, 84.2841



110.0870, 1.4361, 6.0627



67.5710, 24.8615, 99.4772



20.1360, 7.3280, 29.6987



# Inverse Universe

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



146.6470, 19.4010, 77.4856



139.6960, 25.2929, 101.1216



190.1050, 10.3012, -84.2841



110.0870, 1.4361, 6.0627



67.5710, 24.8615, 99.4772



20.1360, 7.3280, 29.6987



# Previews

## White Background



This preview shows how the YUV color 146.6470, 19.4010, 77.4856 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

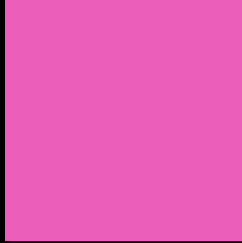
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 146.6470, 19.4010, 77.4856 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

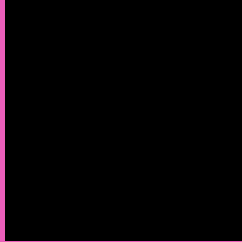
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 146.6470, 19.4010, 77.4856

## Background



This preview shows how black text looks on a background with the YUV color 146.6470, 19.4010, 77.4856.



This preview shows how white text looks on a background with the YUV color 146.6470, 19.4010,



# 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

146.6470, 19.4010, 77.4856

### Protanopia

146.5310, 38.1922, -23.2677

### Deuteranopia

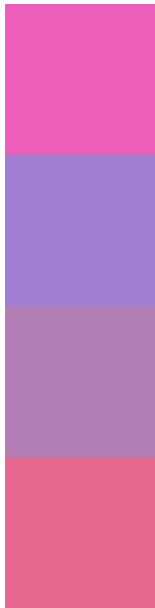
148.7730, 14.4089, -1.5549



## Tritanopia

146.4930, -14.0470, 72.3586

# Trichromacy



## Original Color

146.6470, 19.4010, 77.4856

## Protanomaly

146.3400, 31.3844, 13.7338

## Deuteranomaly

148.1170, 16.2113, 27.0844

## Tritanomaly

146.4190, -1.6856, 74.1775

# Monochromacy



## Original Color

146.6470, 19.4010, 77.4856

## Achromatopsia

147.0000, 0.0000, 0.0000

## Achromatomaly

147.0110, 6.8966, 28.0544

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 146.6470, 19.4010, 77.4856 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(235, 94, 186)` looks like.

```
.text, #text, p{  
    color:rgb(235, 94, 186)  
}
```

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(235, 94, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 94, 186) }
```

## Border

The CSS property to change the border of an element to YUV 146.6470, 19.4010, 77.4856 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(235, 94, 186) }
```



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

```
.border{ border-color:rgb(235, 94, 186) }
```

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

Here you see how a box with a 4 pixel rgb(235, 94, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 94, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 94, 186);  
box-shadow:4px 4px 4px 4px rgb(235, 94,  
186) }
```

# Background

The CSS property to change the background color of an element to YUV 146.6470, 19.4010, 77.4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 94, 186) }
```

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

```
.background{ background-color: rgb(235, 94,  
186) }
```

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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