

# Converting Colors

YUV(144.5850, 26.8266,  
75.7860)

Have a look what the booklet for  
YUV(144.5850, 26.8266, 75.7860)  
contains.

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# Color

**YUV(144.5850, 26.8266,  
75.7860)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E75AC7
RGB	231, 90, 199
RGB Percent	91%, 35%, 78%
CMY	0.0941, 0.6471, 0.2196
CMYK	0.00, 0.61, 0.14, 0.09
HSL	314°, 75%, 63%
HSV	314°, 61%, 91%
XYZ	46.9200, 28.4248, 57.0464
YIQ	144.5850, 49.0470, 63.7910

# Conversions

## Conversions Part 2

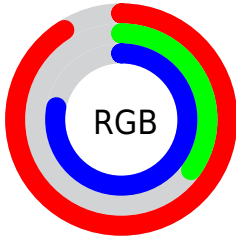
Format	Color
R <sub>Y</sub> B	231, 90, 199
Decimal	15162055
CIE <sub>Lab</sub>	60.27, 66.41, -29.73
CIE <sub>LCh</sub>	60, 72.762, 335.882
Y <sub>xy</sub>	28.4248, 0.3544, 0.2147
Android (android.graphics.Color)	4293352135 (0xFFE75AC7)
YUV	144.5850, 26.8266, 75.7860
Hunter-Lab	53.3149, 63.7885, -26.1193

# Details

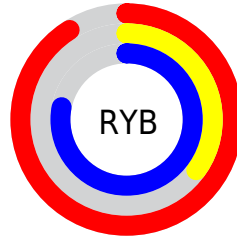
The YUV color **144.5850, 26.8266, 75.7860** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **176.4150, -26.8266, -75.7860**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6040, 31.2542, 55.5983**, and **81.4590, 31.3257, 79.4045** is the 20% darker color. If you saturate the color by 10%, you get **130.5140, 31.2986, 88.1262**, and if you desaturate by 10%, it is **158.6560, 22.3546, 63.4457**.

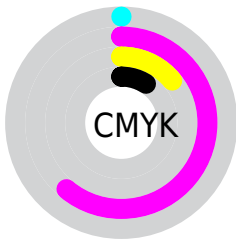
# Distribution



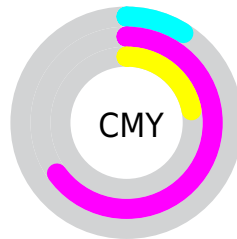
- Red (91%)
- Green (35%)
- Blue (78%)



- Red (91%)
- Yellow (35%)
- Blue (78%)



- Cyan (0%)
- Magenta (61%)
- Yellow (14%)
- Black (9%)




- Cyan (9%)
- Magenta (65%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 144.5850, 26.8266, 75.7860 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 144.5850, 26.8266, 75.7860 by changing the saturation by 10% instead.





 144.5850, 26.8266,  
75.7860


 144.5850, 26.8266,  
75.7860


255.0000, 0.0000,  
0.0000


 114.9270, 28.1370,  
75.4860


 191.6040, 31.2542,  
55.5983


 81.4590, 31.3257,  
79.4045


 208.6270, 22.8619,  
40.6691


 56.3230, 30.8998,  
76.0157

 225.6500, 14.4696,  
25.7400

 45.1010, 24.1072,  
61.3014

 243.2600, 5.7878,  
10.2960

 33.9930, 17.7515,  
46.4871

 24.1950, 11.2429,  
34.0320

 12.7170, 6.0555,

17.7882

■ 0.0000, 0.0000,  
0.0000

■ 144.5850, 26.8266,  
75.7860

■ 144.5850, 26.8266,  
75.7860

■ 130.5140, 31.2986,  
88.1262

■ 158.6560, 22.3546,  
63.4457

■ 116.4430, 35.7706,  
100.4665

■ 172.7270, 17.8826,  
51.1054

■ 102.2580, 39.8058,  
112.9067

■ 186.9120, 13.8474,  
38.6652

■ 89.4750, 44.1358,  
124.1174

■ 200.9830, 9.3754,  
26.3249

■ 215.6410, 4.6140,  
13.4698

■ 229.7120, 0.1420,  
1.1296

■ 243.8970, -3.8932,  
-11.3107

■ 246.2280, -2.5774,  
-13.3550

■ 246.7980, -0.3934,  
-13.8548

# Harmonies

## Analogous

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



148.2530, 50.1613, 11.1791



144.5850, 26.8266, 75.7860



135.0730, -0.0360, 105.1760

# Triad

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



144.5850, 26.8266, 75.7860



135.0260, -66.5678, 24.5332



126.5170, 45.5941, -110.9554

# Complementary

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



144.5850, 26.8266, 75.7860



176.4150, -26.8266, -75.7860

# 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.



120.0360, 18.2233, -105.2716



144.5850, 26.8266, 75.7860



125.7790, -52.1490, -26.9932

# Square

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



144.5850, 26.8266, 75.7860



136.3550, -65.2510, 68.9717



110.6370, -10.1740, -97.0286



126.5120, 63.3446, -110.9510



# Rectangle

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



144.5850, 26.8266, 75.7860



135.6820, -20.5492, 104.6419



110.6370, -10.1740, -97.0286



124.9380, 37.0056, -109.5706

# Sweetspot

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



144.5850, 26.8266, 75.7860



226.8580, 8.9440, 24.6805



115.3430, 57.0189, 4.9612



110.1790, 5.3348, 15.6290



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.



144.5850, 26.8266, 75.7860



141.0300, 35.4812, 99.9517



136.7190, -3.3125, 82.6844



107.6140, 2.1623, 6.4775



69.2530, 33.8923, 96.2481



19.6950, 9.5174, 27.4545



# Inverse Universe

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



144.5850, 26.8266, 75.7860



141.0300, 35.4812, 99.9517



184.2810, 3.3125, -82.6844



107.6140, 2.1623, 6.4775



69.2530, 33.8923, 96.2481



19.6950, 9.5174, 27.4545



# Previews

## White Background



This preview shows how the YUV color 144.5850, 26.8266, 75.7860 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

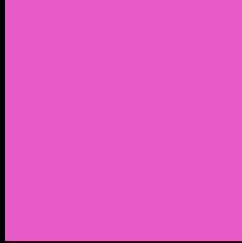
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 144.5850, 26.8266, 75.7860 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

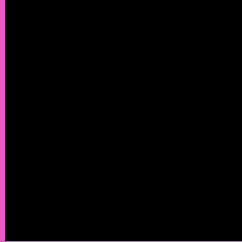
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 144.5850, 26.8266, 75.7860

## Background



This preview shows how black text looks on a background with the YUV color 144.5850, 26.8266, 75.7860.



This preview shows how white text looks on a background with the YUV color 144.5850, 26.8266, 75.7860.

75.7860.

# 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

144.5850, 26.8266, 75.7860

### Protanopia

142.9240, 48.8445, -33.2593

### Deuteranopia

146.3790, 21.9982, -9.1024



## Tritanopia

145.4000, -13.0152, 68.0552

# Trichromacy



## Original Color

144.5850, 26.8266, 75.7860



## Protanomaly

143.7010, 40.5734, 6.4012



## Deuteranomaly

146.0330, 23.6477, 21.8961



## Tritanomaly

144.9070, 1.5248, 71.1186

# Monochromacy



## Original Color

144.5850, 26.8266, 75.7860



## Achromatopsia

145.0000, 0.0000, 0.0000



## Achromatomaly

144.8090, 9.9542, 27.3545

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 144.5850, 26.8266, 75.7860 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(231, 90, 199)` looks like.

```
.text, #text, p{  
    color:rgb(231, 90, 199)  
}
```

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(231, 90, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 90, 199) }
```

## Border

The CSS property to change the border of an element to YUV 144.5850, 26.8266, 75.7860 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(231, 90, 199) }
```



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

```
.border{ border-color:rgb(231, 90, 199) }
```

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

Here you see how a box with a 4 pixel rgb(231, 90, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 90, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 90, 199);  
box-shadow:4px 4px 4px 4px rgb(231, 90,  
199) }
```

# Background

The CSS property to change the background color of an element to YUV 144.5850, 26.8266, 75.7860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 90, 199) }
```

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

```
.background{ background-color: rgb(231, 90,  
199) }
```

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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