

Converting Colors

YUV(144.6180, 26.8103,
81.0190)

Have a look what the booklet for
YUV(144.6180, 26.8103, 81.0190)
contains.

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Color

**YUV(144.6180, 26.8103,
81.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	ED57C7
RGB	237, 87, 199
RGB Percent	93%, 34%, 78%
CMY	0.0706, 0.6588, 0.2196
CMYK	0.00, 0.63, 0.16, 0.07
HSL	315°, 81%, 64%
HSV	315°, 63%, 93%
XYZ	48.6421, 28.9444, 57.0559
YIQ	144.6180, 53.4480, 66.6320

Conversions

Conversions Part 2

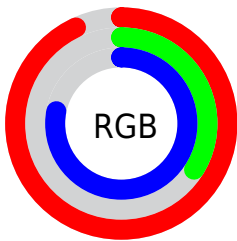
Format	Color
R _Y B	237, 87, 199
Decimal	15554503
CIE Lab	60.73, 69.20, -28.94
CIE LCh	61, 75.006, 337.301
Yxy	28.9444, 0.3613, 0.2150
Android (android.graphics.Color)	4293744583 (0xFFED57C7)
YUV	144.6180, 26.8103, 81.0190
Hunter-Lab	53.8000, 67.2366, -25.2181

Details

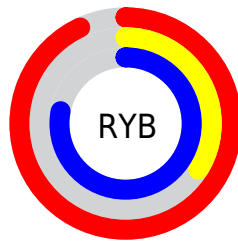
The YUV color **144.6180, 26.8103, 81.0190** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **179.3820, -26.8103, -81.0190**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4300, 31.8330, 56.6279**, and **76.2090, 33.9140, 89.2707** is the 20% darker color. If you saturate the color by 10%, you get **129.8460, 31.1349, 93.9741**, and if you desaturate by 10%, it is **159.3900, 22.4857, 68.0640**.

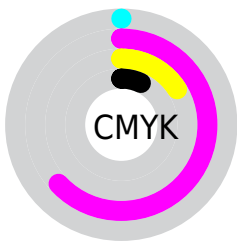
Distribution



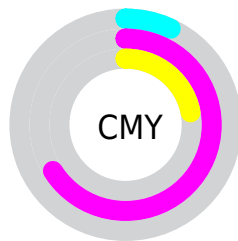
- Red (93%)
- Green (34%)
- Blue (78%)



- Red (93%)
- Yellow (34%)
- Blue (78%)



- Cyan (0%)
- Magenta (63%)
- Yellow (16%)
- Black (7%)



- Cyan (7%)
- Magenta (66%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.6180, 26.8103, 81.0190 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 144.6180, 26.8103, 81.0190 by changing the saturation by 10% instead.

144.6180, 26.8103,
81.0190

144.6180, 26.8103,
81.0190

255.0000, 0.0000,
0.0000

114.3730, 28.4101,
81.2339

190.4300, 31.8330,
56.6279

76.2090, 33.9140,
89.2707

207.4530, 23.4407,
41.6987

58.1170, 30.0153,
79.7044

224.4760, 15.0483,
26.7695

46.5960, 23.3702,
64.3753

242.0860, 6.3666,
11.3256

35.4880, 17.0144,
49.5610

25.0920, 10.8006,
35.8763

13.9130, 5.4659,

20.2473

■ 0.0000, 0.0000,
0.0000

■ 144.6180, 26.8103,
81.0190

■ 144.6180, 26.8103,
81.0190

■ 129.8460, 31.1349,
93.9741

■ 159.3900, 22.4857,
68.0640

■ 115.6610, 35.1701,
106.4143

■ 173.5750, 18.4505,
55.6237

■ 100.8890, 39.4947,
119.3693

■ 188.3470, 14.1259,
42.6687

■ 91.0410, 42.3778,
128.0060

■ 203.1190, 9.8013,
29.7136

■ 217.3040, 5.7661,
17.2734

■ 232.0760, 1.4415,
4.3183

■ 246.8480, -2.8831,
-8.6367

■ 248.7060, -0.8411,
-10.2662

■ 249.3900, 1.7797,
-10.8660

Harmonies

Analogous

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



149.8020, 50.8766, 15.0826



144.6180, 26.8103, 81.0190



133.0840, -0.0414, 106.9203

Triad

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



144.6180, 26.8103, 81.0190



135.6020, -66.8518, 22.2740



128.4890, 48.0729, -112.6849

Complementary

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



144.6180, 26.8103, 81.0190



179.3820, -26.8103, -81.0190

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.



121.6660, 19.3917, -106.7011



144.6180, 26.8103, 81.0190



125.8170, -53.1538, -31.4115

Square

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



144.6180, 26.8103, 81.0190



137.3720, -67.7244, 68.9568



112.0390, -9.8792, -98.2582



127.0990, 63.0552, -111.4658

Rectangle

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



144.6180, 26.8103, 81.0190



135.2260, -22.2964, 105.0418



112.0390, -9.8792, -98.2582



126.7960, 39.0476, -111.2001

Sweetspot

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



144.6180, 26.8103, 81.0190



225.4560, 8.6492, 25.9101



115.1630, 60.0656, 7.7500



109.4780, 5.1873, 16.2438



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.



144.6180, 26.8103, 81.0190



135.5360, 34.7388, 104.7699



136.0680, -5.9495, 88.5174



110.2010, 1.8729, 5.9627



69.5090, 32.2871, 97.7776



20.7060, 9.5119, 29.1988

Inverse Universe

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



144.6180, 26.8103, 81.0190



135.5360, 34.7388, 104.7699



187.9320, 5.9495, -88.5174



110.2010, 1.8729, 5.9627



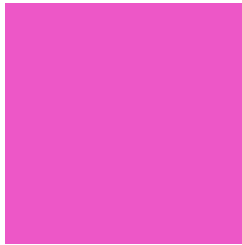
69.5090, 32.2871, 97.7776



20.7060, 9.5119, 29.1988

Previews

White Background



This preview shows how the YUV color 144.6180, 26.8103, 81.0190 looks on a white background.

Color Contrast Check

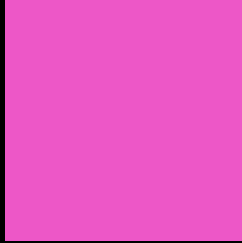
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.6180, 26.8103, 81.0190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

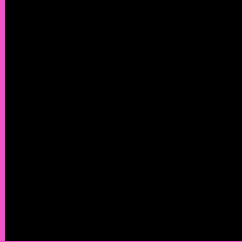
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.6180, 26.8103, 81.0190

Background



This preview shows how black text looks on a background with the YUV color 144.6180, 26.8103, 81.0190.



This preview shows how white text looks on a background with the YUV color 144.6180, 26.8103,

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

144.6180, 26.8103, 81.0190

Protanopia

143.8530, 49.8655, -34.0741

Deuteranopia

147.4500, 20.9772, -8.2876



Tritanopia

145.6780, -14.6313, 73.0734

Trichromacy



Original Color

144.6180, 26.8103, 81.0190



Protanomaly

143.9400, 41.4416, 7.9456



Deuteranomaly

146.2290, 23.0581, 24.3552



Tritanomaly

145.2990, 0.3456, 76.0368

Monochromacy



Original Color

144.6180, 26.8103, 81.0190



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

144.8200, 9.9487, 29.0989

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.6180, 26.8103, 81.0190 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(237, 87, 199)` looks like.

```
.text, #text, p{  
    color:rgb(237, 87, 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(237, 87, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 87, 199) }
```

Border

The CSS property to change the border of an element to YUV 144.6180, 26.8103, 81.0190 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(237, 87, 199) }
```


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

```
.border{ border-color:rgb(237, 87, 199) }
```

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

Here you see how a box with a 4 pixel rgb(237, 87, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 87, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 87, 199);  
box-shadow:4px 4px 4px 4px rgb(237, 87,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 144.6180, 26.8103, 81.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 87, 199) }
```

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

```
.background{ background-color: rgb(237, 87,  
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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