

Converting Colors

YUV(88.8630, 18.8015,
129.9161)

Have a look what the booklet for
YUV(88.8630, 18.8015, 129.9161)
contains.

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Color

**YUV(88.8630, 18.8015,
129.9161)**

Conversions

Conversions Part 1

Format	Color
Hex	ED067F
RGB	237, 6, 127
RGB Percent	93%, 2%, 50%
CMY	0.0706, 0.9765, 0.5020
CMYK	0.00, 0.97, 0.46, 0.07
HSL	329°, 95%, 48%
HSV	329°, 97%, 93%
XYZ	38.8209, 19.6671, 21.8287
YIQ	88.8630, 98.8350, 86.6030

Conversions

Conversions Part 2

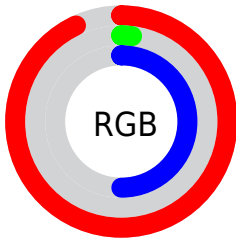
Format	Color
RYB	237, 6, 127
Decimal	15533695
CIELab	51.46, 80.21, -0.75
CIElCh	51, 80.209, 359.467
Yxy	19.6671, 0.4833, 0.2449
Android (android.graphics.Color)	4293723775 (0xFFED067F)
YUV	88.8630, 18.8015, 129.9161
Hunter-Lab	44.3476, 78.6469, 1.8597

Details

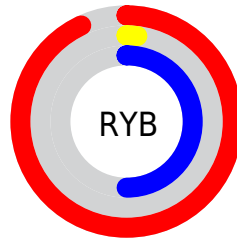
The YUV color **88.8630, 18.8015, 129.9161** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **154.1370, -18.8015, -129.9161**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7040, 12.9639, 88.8366**, and **60.9180, 8.4214, 99.1729** is the 20% darker color. If you saturate the color by 10%, you get **84.9990, 19.2275, 133.3049**, and if you desaturate by 10%, it is **104.2050, 16.6609, 116.4612**.

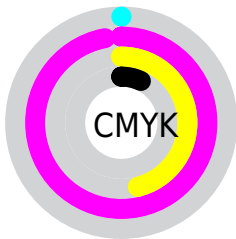
Distribution



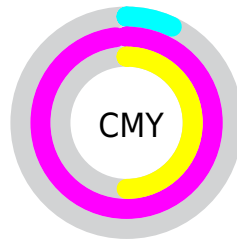
- Red (93%)
- Green (2%)
- Blue (50%)



- Red (93%)
- Yellow (2%)
- Blue (50%)



- Cyan (0%)
- Magenta (97%)
- Yellow (46%)
- Black (7%)





- Cyan (7%)
- Magenta (98%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.8630, 18.8015, 129.9161 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 88.8630, 18.8015, 129.9161 by changing the saturation by 10% instead.


 88.8630, 18.8015,
129.9161


 88.8630, 18.8015,
129.9161


255.0000, 0.0000,
0.0000


 73.2220, 14.1876,
116.4463

 153.7040, 12.9639,
88.8366


 60.9180, 8.4214,
99.1729


 174.9790, 15.7864,
70.1784


 49.4400, 3.2341,
82.9291


 196.3680, 19.0456,
51.4203

 37.7770, -1.3691,
65.9706

 216.2580, 19.0998,
33.9767

 26.4840, -7.1406,
50.4415

 233.8680, 10.4181,
18.5328

 15.7760, -6.7916,
31.7684

 252.0650, 1.4470,

 0.2990, -0.1474,

2.5740

0.6148

■ 0.0000, 0.0000,
0.0000

■ 88.8630, 18.8015,
129.9161

■ 88.8630, 18.8015,
129.9161

■ 84.9990, 19.2275,
133.3049

■ 104.2050, 16.6609,
116.4612

■ 119.0740, 15.2465,
103.4211

■ 134.4160, 13.1059,
89.9662

■ 149.7580, 10.9653,
76.5112

■ 164.5130, 9.1141,
63.5711

■ 179.9690, 7.4103,
50.0162

■ 195.3110, 5.2697,
36.5613

■ 210.6530, 3.1291,
23.1063

■ 225.5220, 1.7147,
10.0662

Harmonies

Analogous

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



118.6090, 37.1678, 72.2569



88.8630, 18.8015, 129.9161



103.2210, -21.3080, 114.6932

Triad

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



88.8630, 18.8015, 129.9161



105.2250, -51.8759, -21.2453



113.7630, 62.7278, -99.7702

Complementary

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



88.8630, 18.8015, 129.9161



154.1370, -18.8015, -129.9161

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.



110.1830, 38.8568, -96.6305



88.8630, 18.8015, 129.9161



91.4190, -22.8846, -80.1745

Square

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



88.8630, 18.8015, 129.9161



115.2900, -56.8380, 30.4407



102.2030, 8.2809, -89.6320



106.5540, 73.1839, -93.4479

Rectangle

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



88.8630, 18.8015, 129.9161



109.3530, -51.9390, 92.6524



102.2030, 8.2809, -89.6320



113.3410, 56.0339, -99.4001

Sweetspot

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



88.8630, 18.8015, 129.9161



207.5720, 6.1270, 41.5944



64.6260, 84.9804, 43.3010



99.0770, 3.4130, 25.3655



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.



88.8630, 18.8015, 129.9161



91.5210, 20.9421, 143.3711



75.9810, -30.5566, 141.2137



109.9730, 0.9993, 6.1627



64.9490, 14.8151, 101.7767



19.3380, 4.2704, 30.3986

Inverse Universe

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



88.8630, 18.8015, 129.9161



91.5210, 20.9421, 143.3711



167.0190, 30.5566, -141.2137



109.9730, 0.9993, 6.1627



64.9490, 14.8151, 101.7767



19.3380, 4.2704, 30.3986

Previews

White Background



This preview shows how the YUV color 88.8630, 18.8015, 129.9161 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 88.8630, 18.8015, 129.9161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

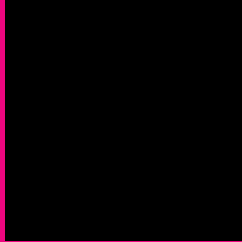
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 88.8630, 18.8015, 129.9161

Background



This preview shows how black text looks on a background with the YUV color 88.8630, 18.8015, 129.9161.



This preview shows how white text looks on a background with the YUV color 88.8630, 18.8015,

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

88.8630, 18.8015, 129.9161

Protanopia

123.5720, 29.2980, -17.1646

Deuteranopia

125.0400, -3.9637, 11.3659



Tritanopia

105.4180, -26.8281, 111.8894

Trichromacy



Original Color

88.8630, 18.8015, 129.9161



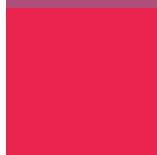
Protanomaly

110.9900, 25.6409, 35.9658



Deuteranomaly

112.1930, 4.3419, 54.2047



Tritanomaly

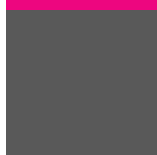
99.5170, -10.1149, 117.9416

Monochromacy



Original Color

88.8630, 18.8015, 129.9161



Achromatopsia

89.0000, 0.0000, 0.0000



Achromatomaly

89.1320, 6.8369, 47.2422

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.8630, 18.8015, 129.9161 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, 6, 127)` looks like.

```
.text, #text, p{  
    color:rgb(237, 6, 127)  
}
```

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, 6, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 6, 127) }
```

Border

The CSS property to change the border of an element to YUV 88.8630, 18.8015, 129.9161 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, 6, 127) }
```


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

```
.border{ border-color:rgb(237, 6, 127) }
```

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

Here you see how a box with a 4 pixel rgb(237, 6, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 6, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 6, 127);  
box-shadow:4px 4px 4px 4px rgb(237, 6,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 88.8630, 18.8015, 129.9161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 6, 127) }
```

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

```
.background{ background-color: rgb(237, 6,  
127) }
```

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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