

# Converting Colors

YUV(129.3090, 5.2707, 83.0440)

Have a look what the booklet for  
YUV(129.3090, 5.2707, 83.0440)  
contains.

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# Color

**YUV(129.3090, 5.2707,  
83.0440)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E04F8C
RGB	224, 79, 140
RGB Percent	88%, 31%, 55%
CMY	0.1216, 0.6902, 0.4510
CMYK	0.00, 0.65, 0.37, 0.12
HSL	335°, 70%, 59%
HSV	335°, 65%, 88%
XYZ	38.2701, 23.3327, 27.2975
YIQ	129.3090, 66.8390, 49.7110

# Conversions

## Conversions Part 2

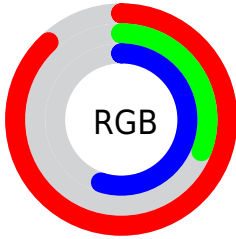
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	224, 79, 140
Decimal	14700428
CIE Lab	55.41, 61.40, -2.98
CIE LCh	55, 61.469, 357.218
Yxy	23.3327, 0.4305, 0.2625
Android (android.graphics.Color)	4292890508 (0xFFE04F8C)
YUV	129.3090, 5.2707, 83.0440
Hunter-Lab	48.3039, 56.8895, 0.3068

# Details

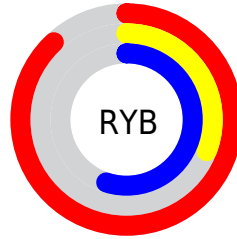
The YUV color **129.3090, 5.2707, 83.0440** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **173.6910, -5.2707, -83.0440**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.0790, 7.3561, 67.4597**, and **60.4700, 14.5583, 90.7958** is the 20% darker color. If you saturate the color by 10%, you get **114.9130, 5.9589, 95.6693**, and if you desaturate by 10%, it is **143.7050, 4.5824, 70.4187**.

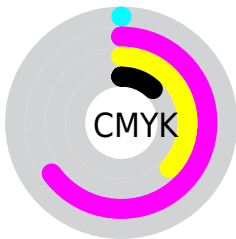
# Distribution



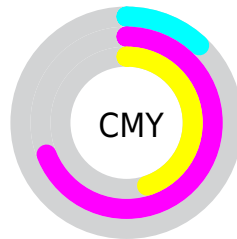
- Red (88%)
- Green (31%)
- Blue (55%)



- Red (88%)
- Yellow (31%)
- Blue (55%)



- Cyan (0%)
- Magenta (65%)
- Yellow (37%)
- Black (12%)



- Cyan (12%)
- Magenta (69%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 129.3090, 5.2707, 83.0440 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 129.3090, 5.2707, 83.0440 by changing the saturation by 10% instead.




 129.3090, 5.2707,  
83.0440


 129.3090, 5.2707,  
83.0440

255.0000, 0.0000,  
0.0000


 99.8790, 7.4547,  
82.5441

 178.0790, 7.3561,  
67.4597


 60.4700, 14.5583,  
90.7958

 197.7070, 11.4834,  
50.2460

 48.0030, 9.3655,  
76.2964


 218.0360, 15.7583,  
32.4174

 36.8240, 4.0308,  
60.6674

 235.6290, 9.5499,  
16.9884

 26.0580, -1.0146,  
45.5531

 253.2390, 0.8682,  
1.5444

 15.4770, -6.6442,  
31.1537

 0.0000, 0.0000,

0.0000

■ 129.3090, 5.2707,  
83.0440

■ 129.3090, 5.2707,  
83.0440

■ 114.9130, 5.9589,  
95.6693

■ 143.7050, 4.5824,  
70.4187

■ 99.9300, 6.9365,  
108.8094

■ 158.6880, 3.6048,  
57.2786

■ 85.5340, 7.6247,  
121.4347

■ 173.0840, 2.9166,  
44.6533

■ 77.6920, 8.0398,  
128.3121

■ 188.0670, 1.9390,  
31.5132

■ 202.4630, 1.2507,  
18.8879

■ 216.8590, 0.5625,  
6.2627

■ 231.8420, -0.4151,  
-6.8774

■ 244.4770, -0.2352,  
-17.9583

■ 245.7310, 4.5696,  
-19.0581

# Harmonies

## Analogous

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



135.5340, 27.3447, 49.5207



129.3090, 5.2707, 83.0440



127.0880, -19.7634, 85.8688

# Triad

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



129.3090, 5.2707, 83.0440



120.2250, -48.4249, -8.0903



114.5320, 52.9817, -100.4446

# Complementary

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



129.3090, 5.2707, 83.0440



173.6910, -5.2707, -83.0440

# 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.



112.6790, 33.1893, -98.8195



129.3090, 5.2707, 83.0440



103.2870, -15.9175, -74.7967

# Square

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



129.3090, 5.2707, 83.0440



124.4600, -61.3588, 33.7996



106.5230, 9.6022, -93.4207



110.1270, 64.0274, -96.5814



# Rectangle

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



129.3090, 5.2707, 83.0440



127.7710, -35.8761, 73.8688



106.5230, 9.6022, -93.4207



114.9250, 46.8720, -100.7892

# Sweetspot

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



129.3090, 5.2707, 83.0440



223.6320, 1.6604, 27.5097



120.0480, 51.2483, 35.9149



108.4520, 1.2562, 17.1436



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.



129.3090, 5.2707, 83.0440



125.0770, 7.3570, 113.9425



128.2250, -24.2679, 83.9947



104.8590, 0.5625, 6.2627



61.0600, 6.3794, 100.8024



16.6320, 1.6604, 27.5097



# Inverse Universe

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



129.3090, 5.2707, 83.0440



125.0770, 7.3570, 113.9425



174.7750, 24.2679, -83.9947



104.8590, 0.5625, 6.2627



61.0600, 6.3794, 100.8024



16.6320, 1.6604, 27.5097



# Previews

## White Background



This preview shows how the YUV color 129.3090, 5.2707, 83.0440 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

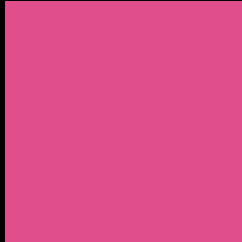
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 129.3090, 5.2707, 83.0440 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

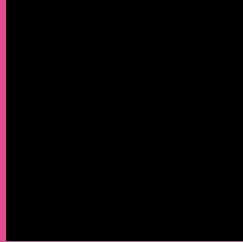
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 129.3090, 5.2707, 83.0440

## Background



This preview shows how black text looks on a background with the YUV color 129.3090, 5.2707, 83.0440.



This preview shows how white text looks on a background with the YUV color 129.3090, 5.2707,



# 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

129.3090, 5.2707, 83.0440

### Protanopia

133.7980, 19.8196, -10.3468

### Deuteranopia

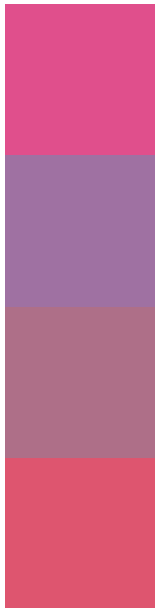
134.5390, -0.7587, 10.0513



**Tritanopia**

129.1520, -16.8369, 80.5507

# Trichromacy



## Original Color

129.3090, 5.2707, 83.0440

## Protanomaly

132.3400, 14.6224, 23.3808

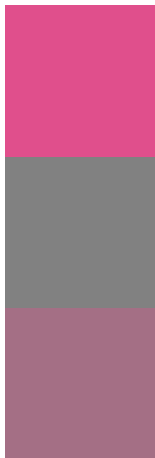
## Deuteranomaly

132.6870, 1.6333, 36.2315

## Tritanomaly

128.9270, -8.8380, 81.6250

# Monochromacy



## Original Color

129.3090, 5.2707, 83.0440

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

129.3550, 1.7970, 30.3837

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 129.3090, 5.2707, 83.0440 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(224, 79, 140)` looks like.

```
.text, #text, p{  
    color:rgb(224, 79, 140)  
}
```

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(224, 79, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 79, 140) }
```

## Border

The CSS property to change the border of an element to YUV 129.3090, 5.2707, 83.0440 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(224, 79, 140) }
```



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

```
.border{ border-color:rgb(224, 79, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 79, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 79, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 79, 140);  
box-shadow:4px 4px 4px 4px rgb(224, 79,  
140) }
```

# Background

The CSS property to change the background color of an element to YUV 129.3090, 5.2707, 83.0440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 79, 140) }
```

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

```
.background{ background-color: rgb(224, 79,  
140) }
```

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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