

# Converting Colors

YUV(128.4250, -0.7025,  
85.5733)

Have a look what the booklet for  
YUV(128.4250, -0.7025, 85.5733)  
contains.

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# Color

**YUV(128.4250, -0.7025,  
85.5733)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E24F7F
RGB	226, 79, 127
RGB Percent	89%, 31%, 50%
CMY	0.1137, 0.6902, 0.5020
CMYK	0.00, 0.65, 0.44, 0.11
HSL	340°, 72%, 60%
HSV	340°, 65%, 89%
XYZ	37.9908, 23.2930, 22.5723
YIQ	128.4250, 72.2040, 46.0920

# Conversions

## Conversions Part 2

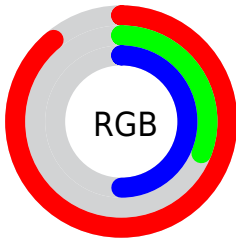
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	226, 79, 127
Decimal	14831487
CIE <sub>Lab</sub>	55.37, 60.67, 4.69
CIE <sub>LCh</sub>	55, 60.852, 4.419
Yxy	23.2930, 0.4530, 0.2778
Android (android.graphics.Color)	4293021567 (0xFFE24F7F)
YUV	128.4250, -0.7025, 85.5733
Hunter-Lab	48.2628, 56.0488, 6.0543

# Details

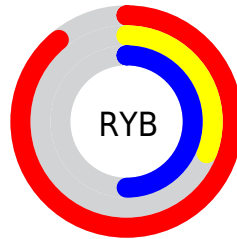
The YUV color **128.4250, -0.7025, 85.5733** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **176.5750, 0.7025, -85.5733**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.5970, 1.6777, 68.7594**, and **60.2870, 8.7325, 92.7103** is the 20% darker color. If you saturate the color by 10%, you get **113.2140, -0.5985, 98.9133**, and if you desaturate by 10%, it is **143.6360, -0.8065, 72.2332**.

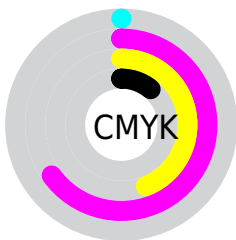
# Distribution



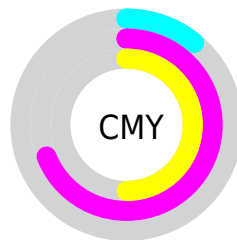
- Red (89%)
- Green (31%)
- Blue (50%)



- Red (89%)
- Yellow (31%)
- Blue (50%)



- Cyan (0%)
- Magenta (65%)
- Yellow (44%)
- Black (11%)



- Cyan (11%)
- Magenta (69%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 128.4250, -0.7025, 85.5733 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 128.4250, -0.7025, 85.5733 by changing the saturation by 10% instead.



 128.4250, -0.7025,  
85.5733


 128.4250, -0.7025,  
85.5733


255.0000, 0.0000,  
0.0000


 98.9950, 1.4815,  
85.0734


 176.5970, 1.6777,  
68.7594


 60.2870, 8.7325,  
92.7103


 196.1110, 5.3683,  
51.6457

 47.0480, 4.4133,  
78.0109


 216.3260, 9.2063,  
33.9171

 35.9830, -0.4846,  
62.2819

 235.6290, 9.5499,  
16.9884

 24.6900, -6.2562,  
46.7529

 253.2390, 0.8682,  
1.5444

 15.4770, -6.6442,  
31.1537

 0.0000, 0.0000,

0.0000

■ 128.4250, -0.7025,  
85.5733

■ 128.4250, -0.7025,  
85.5733

■ 113.2140, -0.5985,  
98.9133

■ 143.6360, -0.8065,  
72.2332

■ 98.5900, -0.7839,  
111.7386

■ 158.2600, -0.6212,  
59.4080

■ 83.2650, -1.1166,  
125.1786

■ 173.5850, -0.2884,  
45.9680

■ 76.0100, -0.9909,  
131.5412

■ 188.2090, -0.1030,  
33.1427

■ 203.4200, -0.2071,  
19.8027

■ 218.6310, -0.3111,  
6.4626

■ 233.3690, 0.3111,  
-6.4626

■ 245.6450, 1.6540,  
-17.2287

■ 246.3290, 4.2748,  
-17.8285

# Harmonies

## Analogous

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



134.2210, 22.0760, 59.4422



128.4250, -0.7025, 85.5733



127.5730, -25.4255, 81.9355

# Triad

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



128.4250, -0.7025, 85.5733



118.6950, -41.2616, -19.0265



114.0420, 56.1813, -100.0148

# Complementary

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



128.4250, -0.7025, 85.5733



176.5750, 0.7025, -85.5733

# 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.



113.3460, 38.2834, -99.4044



128.4250, -0.7025, 85.5733



99.9740, -7.8752, -87.6772

# Square

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



128.4250, -0.7025, 85.5733



123.2200, -60.7475, 24.3631



108.0050, 15.2805, -94.7204



106.9640, 64.6007, -93.8074



# Rectangle

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



128.4250, -0.7025, 85.5733



128.1740, -40.5118, 67.3764



108.0050, 15.2805, -94.7204



114.6630, 50.9451, -100.5595

# Sweetspot

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



128.4250, -0.7025, 85.5733



221.1870, -0.0922, 29.6540



125.0600, 49.7634, 45.5514



107.4090, -0.2016, 18.0583



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.



128.4250, -0.7025, 85.5733



122.9110, -0.9421, 115.8421



137.0410, -28.6142, 78.0170



104.7450, 0.1257, 6.3626



59.1220, -1.0461, 102.5020



16.1760, -0.0868, 27.9096



# Inverse Universe

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



128.4250, -0.7025, 85.5733



122.9110, -0.9421, 115.8421



167.3720, 28.9036, -77.5022



104.7450, 0.1257, 6.3626



59.1220, -1.0461, 102.5020



16.1760, -0.0868, 27.9096



# Previews

## White Background



This preview shows how the YUV color 128.4250, -0.7025, 85.5733 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

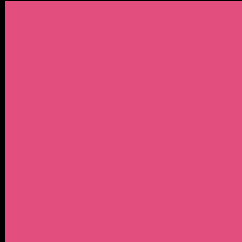
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 128.4250, -0.7025, 85.5733 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

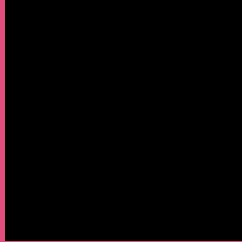
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 128.4250, -0.7025, 85.5733

## Background



This preview shows how black text looks on a background with the YUV color 128.4250, -0.7025, 85.5733.



This preview shows how white text looks on a background with the YUV color 128.4250, -0.7025,



# 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

128.4250, -0.7025, 85.5733

### Protanopia

133.7680, 11.9464, -5.0585

### Deuteranopia

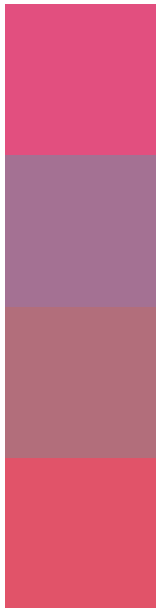
133.9650, -6.8847, 14.9397



## Tritanopia

127.9460, -17.7214, 84.2394

# Trichromacy



## Original Color

128.4250, -0.7025, 85.5733

## Protanomaly

132.1250, 7.3334, 27.9544

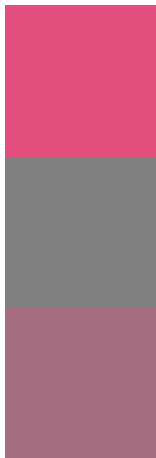
## Deuteranomaly

131.8140, -4.3453, 40.5051

## Tritanomaly

127.9660, -11.3222, 85.0988

# Monochromacy



## Original Color

128.4250, -0.7025, 85.5733

## Achromatopsia

128.0000, 0.0000, 0.0000

## Achromatomaly

128.1980, -0.0976, 31.3984

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 128.4250, -0.7025, 85.5733 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(226, 79, 127)` looks like.

```
.text, #text, p{  
    color:rgb(226, 79, 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(226, 79, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 79, 127) }
```

## Border

The CSS property to change the border of an element to YUV 128.4250, -0.7025, 85.5733 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(226, 79, 127) }
```



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

```
.border{ border-color:rgb(226, 79, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 79, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 79, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 79, 127); box-shadow:4px 4px 4px 4px rgb(226, 79, 127) }
```

# Background

The CSS property to change the background color of an element to YUV 128.4250, -0.7025, 85.5733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 79, 127) }
```

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

```
.background{ background-color: rgb(226, 79,  
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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