

# Converting Colors

YUV(129.5400, -1.7452,  
93.3654)

Have a look what the booklet for  
YUV(129.5400, -1.7452, 93.3654)  
contains.

<b>YUV(129.5400, -1.7452, 93.3654)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(129.5400, -1.7452,  
93.3654)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EC4C7E
RGB	236, 76, 126
RGB Percent	93%, 30%, 49%
CMY	0.0745, 0.7020, 0.5059
CMYK	0.00, 0.68, 0.47, 0.07
HSL	341°, 81%, 61%
HSV	341°, 68%, 93%
XYZ	40.9424, 24.5081, 22.3113
YIQ	129.5400, 79.3100, 49.4700

# Conversions

## Conversions Part 2

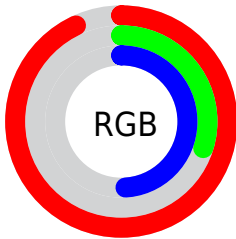
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	236, 76, 126
Decimal	15486078
CIE <sub>Lab</sub>	56.59, 64.71, 7.25
CIE <sub>LCh</sub>	57, 65.118, 6.392
Yxy	24.5081, 0.4665, 0.2793
Android (android.graphics.Color)	4293676158 (0xFFEC4C7E)
YUV	129.5400, -1.7452, 93.3654
Hunter-Lab	49.5057, 60.9890, 7.9330

# Details

The YUV color **129.5400, -1.7452, 93.3654** 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 **182.4600, 1.7452, -93.3654**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1950, 1.3829, 69.9890**, and **61.1030, 7.8372, 99.8877** is the 20% darker color. If you saturate the color by 10%, you get **113.6280, -1.7886, 107.3202**, and if you desaturate by 10%, it is **145.4520, -1.7018, 79.4106**.

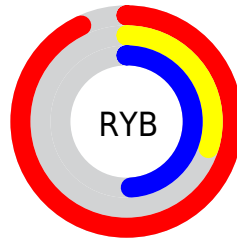
# Distribution



Red (93%)

Green (30%)

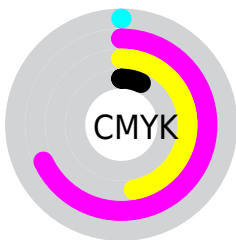
Blue (49%)



Red (93%)

Yellow (30%)

Blue (49%)

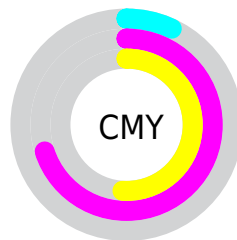


Cyan (0%)

Magenta (68%)

Yellow (47%)

Black (7%)



Cyan (7%)

Magenta (70%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 129.5400, -1.7452, 93.3654 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 129.5400, -1.7452, 93.3654 by changing the saturation by 10% instead.





 129.5400, -1.7452,  
93.3654


 129.5400, -1.7452,  
93.3654

255.0000, 0.0000,  
0.0000

 98.6370, 1.1650,  
93.2804


 175.1950, 1.3829,  
69.9890

 61.1030, 7.8372,  
99.8877


 195.4100, 5.2209,  
52.2604


 49.6250, 2.6499,  
83.6439


 215.6250, 9.0589,  
34.5319

 38.2610, -2.1007,  
67.3001

 235.0420, 9.8393,  
17.5032

 26.9680, -7.8722,  
51.7711

 252.6520, 1.1576,  
2.0592

 17.2710, -7.5286,  
34.8423

 5.0830, -2.5059,

10.4512

■ 0.0000, 0.0000,  
0.0000

■ 129.5400, -1.7452,  
93.3654

■ 129.5400, -1.7452,  
93.3654

■ 113.6280, -1.7886,  
107.3202

■ 145.4520, -1.7018,  
79.4106

■ 98.3030, -2.1214,  
120.7603

■ 160.7770, -1.3691,  
65.9706

■ 82.2770, -2.6016,  
134.8151

■ 176.8030, -0.8889,  
51.9158

■ 79.0000, -2.4650,  
137.6890

■ 192.1280, -0.5561,  
38.4757

■ 208.0400, -0.5127,  
24.5209

■ 223.9520, -0.4693,  
10.5661

■ 239.3910, 0.3002,  
-2.9739

■ 249.3190, 2.8007,  
-11.6808

# Harmonies

## Analogous

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



136.0910, 22.6331, 67.4492



129.5400, -1.7452, 93.3654



129.9820, -29.0781, 86.8388

# Triad

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



129.5400, -1.7452, 93.3654



119.4940, -43.1345, -24.9892



117.7580, 60.2653, -103.2738

# Complementary

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



129.5400, -1.7452, 93.3654



182.4600, 1.7452, -93.3654

# 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.



117.5350, 41.6412, -103.0782



129.5400, -1.7452, 93.3654



103.3650, -7.5749, -90.6511

# Square

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



129.5400, -1.7452, 93.3654



125.8670, -62.0524, 22.9186



111.8520, 17.3280, -98.0942



109.9790, 68.5374, -96.4516



# Rectangle

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



129.5400, -1.7452, 93.3654



130.5180, -45.6114, 69.7057



111.8520, 17.3280, -98.0942



118.3790, 55.0292, -103.8184

# Sweetspot

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



129.5400, -1.7452, 93.3654



221.0730, -0.5290, 29.7540



126.8310, 53.8203, 51.0142



107.2950, -0.6384, 18.1583



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.



129.5400, -1.7452, 93.3654



117.3030, -2.1214, 120.7603



140.8630, -31.9775, 83.4351



109.6310, -0.3111, 6.4626



60.6170, -1.7832, 105.5759



18.0840, -0.5344, 31.4983



# Inverse Universe

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



129.5400, -1.7452, 93.3654



117.3030, -2.1214, 120.7603



171.1370, 31.9775, -83.4351



109.6310, -0.3111, 6.4626



60.6170, -1.7832, 105.5759



18.0840, -0.5344, 31.4983



# Previews

## White Background



This preview shows how the YUV color 129.5400, -1.7452, 93.3654 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

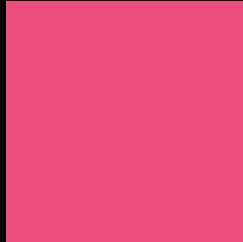
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 129.5400, -1.7452, 93.3654 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 129.5400, -1.7452, 93.3654

## Background



This preview shows how black text looks on a background with the YUV color 129.5400, -1.7452, 93.3654.



This preview shows how white text looks on a background with the YUV color 129.5400, -1.7452,



# 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

129.5400, -1.7452, 93.3654

### Protanopia

136.8390, 10.9254, -4.2438

### Deuteranopia

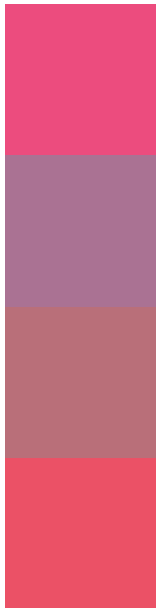
136.9930, -9.3635, 16.6691



## Tritanopia

129.4200, -19.9271, 91.7167

# Trichromacy



## Original Color

129.5400, -1.7452, 93.3654

## Protanomaly

134.5060, 6.1595, 31.1282

## Deuteranomaly

134.2660, -6.5401, 44.4937

## Tritanomaly

129.4400, -13.5279, 92.5761

# Monochromacy



## Original Color

129.5400, -1.7452, 93.3654

## Achromatopsia

130.0000, 0.0000, 0.0000

## Achromatomaly

129.8070, -0.3979, 34.3723

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 129.5400, -1.7452, 93.3654 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(236, 76, 126)` looks like.

```
.text, #text, p{  
    color:rgb(236, 76, 126)  
}
```

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(236, 76, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 76, 126) }
```

## Border

The CSS property to change the border of an element to YUV 129.5400, -1.7452, 93.3654 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(236, 76, 126) }
```



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

```
.border{ border-color:rgb(236, 76, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 76, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 76, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 76, 126);  
box-shadow:4px 4px 4px 4px rgb(236, 76,  
126) }
```

# Background

The CSS property to change the background color of an element to YUV 129.5400, -1.7452, 93.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 76, 126) }
```

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

```
.background{ background-color: rgb(236, 76,  
126) }
```

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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