

# Converting Colors

YUV(138.3290, -8.5432,  
80.3955)

Have a look what the booklet for  
YUV(138.3290, -8.5432, 80.3955)  
contains.

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# Color

**YUV(138.3290, -8.5432,  
80.3955)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E65F79
RGB	230, 95, 121
RGB Percent	90%, 37%, 47%
CMY	0.0980, 0.6275, 0.5255
CMYK	0.00, 0.59, 0.47, 0.10
HSL	348°, 73%, 64%
HSV	348°, 59%, 90%
XYZ	40.1765, 26.3879, 21.0650
YIQ	138.3290, 72.1140, 36.7060

# Conversions

## Conversions Part 2

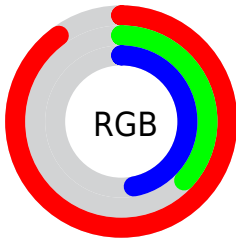
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 95, 121
Decimal	15097721
CIE <sub>Lab</sub>	58.40, 54.54, 12.61
CIE <sub>LCh</sub>	58, 55.979, 13.017
Yxy	26.3879, 0.4585, 0.3011
Android (android.graphics.Color)	4293287801 (0xFFE65F79)
YUV	138.3290, -8.5432, 80.3955
Hunter-Lab	51.3691, 49.7114, 11.6453

# Details

The YUV color **138.3290, -8.5432, 80.3955** 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 **186.6710, 8.5432, -80.3955**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.0170, -5.4314, 62.2521**, and **80.8710, -3.8804, 78.1661** is the 20% darker color. If you saturate the color by 10%, you get **122.6620, -10.1864, 94.1354**, and if you desaturate by 10%, it is **153.9960, -6.9000, 66.6555**.

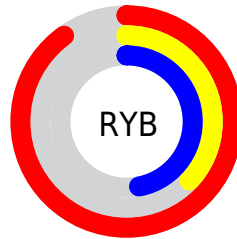
# Distribution



Red (90%)

Green (37%)

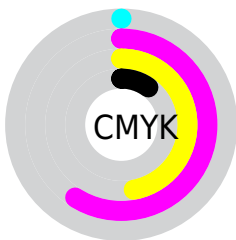
Blue (47%)



Red (90%)

Yellow (37%)

Blue (47%)

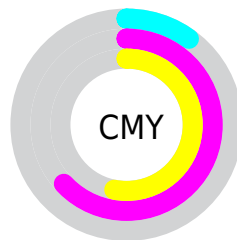


Cyan (0%)

Magenta (59%)

Yellow (47%)

Black (10%)



Cyan (10%)

Magenta (63%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 138.3290, -8.5432, 80.3955 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 138.3290, -8.5432, 80.3955 by changing the saturation by 10% instead.





 138.3290, -8.5432,  
80.3955


 138.3290, -8.5432,  
80.3955


255.0000, 0.0000,  
0.0000


 110.0730, -6.9380,  
78.8660


 184.0170, -5.4314,  
62.2521

 80.8710, -3.8804,  
78.1661


 203.5310, -1.7408,  
45.1383


 47.5600, 1.2029,  
81.0699

 223.7460, 2.0972,  
27.4098

 36.6090, -3.2582,  
65.2409

 243.8470, 5.4984,  
9.7812

 25.2730, -10.4876,  
50.6266

 16.9720, -7.3812,  
34.2276

 3.5880, -1.7689,

7.3773

■ 0.0000, 0.0000,  
0.0000

■ 138.3290, -8.5432,  
80.3955

■ 138.3290, -8.5432,  
80.3955

■ 122.6620,  
-10.1864, 94.1354

■ 153.9960, -6.9000,  
66.6555

■ 107.1090,  
-11.3927, 107.7754

■ 169.5490, -5.6937,  
53.0155

■ 91.4420, -13.0359,  
121.5154

■ 185.2160, -4.0505,  
39.2756

■ 75.8890, -14.2423,  
135.1553

■ 200.7690, -2.8441,  
25.6356

■ 73.7860, -14.6845,  
136.9997

■ 216.4360, -1.2009,  
11.8956

■ 231.9890, 0.0054,  
-1.7444

■ 247.0690, 1.9380,  
-14.9695

■ 247.5250, 3.6852,  
-15.3694

# Harmonies

## Analogous

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



141.7780, 13.9134, 64.2157



138.3290, -8.5432, 80.3955



137.5410, -30.3397, 71.4395

# Triad

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



138.3290, -8.5432, 80.3955



126.0770, -30.6040, -30.7625



117.0740, 57.6445, -102.6739

# Complementary

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



138.3290, -8.5432, 80.3955



186.6710, 8.5432, -80.3955

# 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.



118.5780, 43.0990, -103.9929



138.3290, -8.5432, 80.3955



107.6340, 1.1664, -94.3950

# Square

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



138.3290, -8.5432, 80.3955



132.6450, -48.6320, 11.7123



114.6220, 22.8644, -100.5235



134.2110, 50.1820, -42.2810



# Rectangle

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



138.3290, -8.5432, 80.3955



136.9400, -42.3684, 56.1806



114.6220, 22.8644, -100.5235



118.0370, 53.7188, -103.5184

# Sweetspot

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



138.3290, -8.5432, 80.3955



223.7800, -2.8495, 27.3799



142.6820, 43.0478, 52.8989



108.3550, -1.6540, 17.2287



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.



138.3290, -8.5432, 80.3955



134.0980, -11.3873, 106.0311



159.4320, -31.7650, 61.8881



106.8160, -0.8953, 7.1774



57.3970, -11.5347, 106.6458



16.3890, -3.1498, 30.3538



# Inverse Universe

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



138.3290, -8.5432, 80.3955



134.0980, -11.3873, 106.0311



165.5680, 31.7650, -61.8881



106.8160, -0.8953, 7.1774



57.3970, -11.5347, 106.6458



16.3890, -3.1498, 30.3538



# Previews

## White Background



This preview shows how the YUV color 138.3290, -8.5432, 80.3955 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

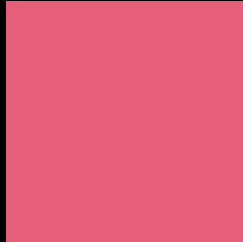
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 138.3290, -8.5432, 80.3955 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 138.3290, -8.5432, 80.3955

## Background



This preview shows how black text looks on a background with the YUV color 138.3290, -8.5432, 80.3955.



This preview shows how white text looks on a background with the YUV color 138.3290, -8.5432,

80.3955.

# 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

138.3290, -8.5432, 80.3955

### Protanopia

141.1680, 1.8892, 0.7297

### Deuteranopia

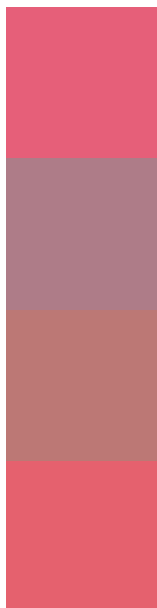
141.3910, -13.0108, 19.8281



## Tritanopia

137.8530, -16.6895, 79.9359

# Trichromacy



## Original Color

138.3290, -8.5432, 80.3955

## Protanomaly

140.3180, -2.1288, 29.5391

## Deuteranomaly

139.9900, -11.3341, 42.1048

## Tritanomaly

137.9500, -13.7793, 79.8509

# Monochromacy



## Original Color

138.3290, -8.5432, 80.3955

## Achromatopsia

138.0000, 0.0000, 0.0000

## Achromatomaly

137.7910, -2.8550, 29.1243

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 138.3290, -8.5432, 80.3955 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(230, 95, 121)` looks like.

```
.text, #text, p{  
    color:rgb(230, 95, 121)  
}
```

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(230, 95, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 95, 121) }
```

## Border

The CSS property to change the border of an element to YUV 138.3290, -8.5432, 80.3955 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(230, 95, 121) }
```



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

```
.border{ border-color:rgb(230, 95, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 95, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 95, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 95, 121);  
box-shadow:4px 4px 4px 4px rgb(230, 95,  
121) }
```

# Background

The CSS property to change the background color of an element to YUV 138.3290, -8.5432, 80.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 95, 121) }
```

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

```
.background{ background-color: rgb(230, 95,  
121) }
```

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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