

# Converting Colors

YUV(132.8800, 5.9752, 90.4362)

Have a look what the booklet for  
YUV(132.8800, 5.9752, 90.4362)  
contains.

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# Color

**YUV(132.8800, 5.9752,  
90.4362)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC4E91
RGB	236, 78, 145
RGB Percent	93%, 31%, 57%
CMY	0.0745, 0.6941, 0.4314
CMYK	0.00, 0.67, 0.39, 0.07
HSL	335°, 81%, 62%
HSV	335°, 67%, 93%
XYZ	42.4273, 25.3260, 29.4403
YIQ	132.8800, 72.6610, 54.3330

# Conversions

## Conversions Part 2

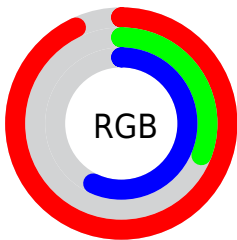
Format	Color
R <sub>Y</sub> B	236, 78, 145
Decimal	15486609
CIE Lab	57.39, 65.78, -2.79
CIE LCh	57, 65.841, 357.571
Yxy	25.3260, 0.4365, 0.2606
Android (android.graphics.Color)	4293676689 (0xFFEC4E91)
YUV	132.8800, 5.9752, 90.4362
Hunter-Lab	50.3249, 62.4189, 0.5425

# Details

The YUV color **132.8800, 5.9752, 90.4362** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **181.1200, -5.9752, -90.4362**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7630, 9.9768, 66.8598**, and **63.1550, 15.6996, 98.0881** is the 20% darker color. If you saturate the color by 10%, you get **117.1960, 6.8054, 104.1911**, and if you desaturate by 10%, it is **148.5640, 5.1449, 76.6814**.

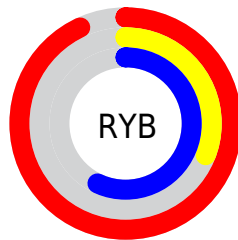
# Distribution



Red (93%)

Green (31%)

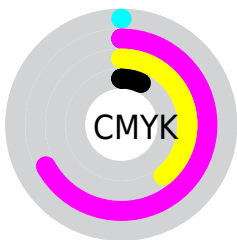
Blue (57%)



Red (93%)

Yellow (31%)

Blue (57%)

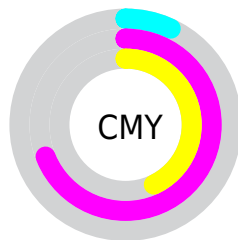


Cyan (0%)

Magenta (67%)

Yellow (39%)

Black (7%)



Cyan (7%)

Magenta (69%)


Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 132.8800, 5.9752, 90.4362 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 132.8800, 5.9752, 90.4362 by changing the saturation by 10% instead.





 132.8800, 5.9752,  
90.4362


 132.8800, 5.9752,  
90.4362

255.0000, 0.0000,  
0.0000


 101.8630, 8.4485,  
90.4511


 178.7630, 9.9768,  
66.8598


 63.1550, 15.6996,  
98.0881


 198.9780, 13.8148,  
49.1313

 51.7480, 9.4912,  
82.6590


 219.1930, 17.6529,  
31.4027

 40.2700, 4.3039,  
66.4152

 236.2160, 9.2605,  
16.4736

 29.2050, -0.5941,  
50.6862

253.8260, 0.5788,  
1.0296

 18.5810, -7.6814,  
37.2015

 7.2900, -3.1010,

14.6547

■ 0.0000, 0.0000,  
0.0000

■ 132.8800, 5.9752,  
90.4362

■ 132.8800, 5.9752,  
90.4362

■ 117.1960, 6.8054,  
104.1911

■ 148.5640, 5.1449,  
76.6814

■ 102.2130, 7.7830,  
117.3312

■ 163.5470, 4.1673,  
63.5413

■ 86.5290, 8.6132,  
131.0861

■ 179.2310, 3.3371,  
49.7864

■ 81.9640, 8.8917,  
135.0896

■ 194.2140, 2.3595,  
36.6463

■ 209.8980, 1.5293,  
22.8915

■ 225.5820, 0.6991,  
9.1366

■ 240.5650, -0.2785,  
-4.0035

■ 249.2050, 2.3639,  
-11.5808

■ 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.



140.1370, 29.5125, 54.2539



132.8800, 5.9752, 90.4362



131.3770, -21.3849, 92.6314

# Triad

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



132.8800, 5.9752, 90.4362



123.2050, -54.8241, -8.9498



120.0090, 56.1976, -105.2479

# Complementary

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



132.8800, 5.9752, 90.4362



181.1200, -5.9752, -90.4362

# 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.



117.9280, 35.5315, -103.4229



132.8800, 5.9752, 90.4362



101.5410, -14.5637, -89.0515

# Square

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



132.8800, 5.9752, 90.4362



129.1890, -63.6902, 34.9142



111.2020, 9.7604, -97.5242



114.5440, 68.2588, -100.4551



# Rectangle

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



132.8800, 5.9752, 90.4362



132.7070, -38.8026, 79.1870



111.2020, 9.7604, -97.5242



119.8150, 50.3772, -105.0778

# Sweetspot

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



132.8800, 5.9752, 90.4362



221.7570, 2.0918, 29.1541



122.9220, 55.7475, 39.5334



107.7510, 1.1088, 17.7584



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.



132.8800, 5.9752, 90.4362



121.9140, 7.9304, 116.7164



131.6990, -26.4736, 91.4720



109.8590, 0.5625, 6.2627



62.8970, 6.9528, 103.5763



18.7680, 2.0864, 30.8985



# Inverse Universe

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



132.8800, 5.9752, 90.4362



121.9140, 7.9304, 116.7164



182.3010, 26.4736, -91.4720



109.8590, 0.5625, 6.2627



62.8970, 6.9528, 103.5763



18.7680, 2.0864, 30.8985



# Previews

## White Background



This preview shows how the YUV color 132.8800, 5.9752, 90.4362 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

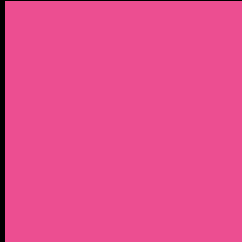
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 132.8800, 5.9752, 90.4362 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 132.8800, 5.9752, 90.4362

## Background



This preview shows how black text looks on a background with the YUV color 132.8800, 5.9752, 90.4362.



This preview shows how white text looks on a background with the YUV color 132.8800, 5.9752,

90.4362.

# 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

132.8800, 5.9752, 90.4362

### Protanopia

138.8410, 21.2774, -11.2616

### Deuteranopia

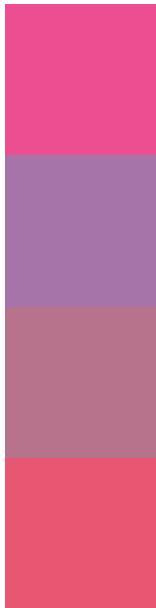
139.7240, -1.3429, 10.7661



**Tritanopia**

133.0280, -18.7478, 86.7984

# Trichromacy



## Original Color

132.8800, 5.9752, 90.4362

## Protanomaly

136.9920, 15.7799, 25.4400

## Deuteranomaly

137.5950, 1.1857, 39.8202

## Tritanomaly

133.0310, -9.8753, 87.6728

# Monochromacy



## Original Color

132.8800, 5.9752, 90.4362

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

132.7790, 2.0810, 32.6428

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.8800, 5.9752, 90.4362 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, 78, 145)` looks like.

```
.text, #text, p{  
    color:rgb(236, 78, 145)  
}
```

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, 78, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 78, 145) }
```

## Border

The CSS property to change the border of an element to YUV 132.8800, 5.9752, 90.4362 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, 78, 145) }
```



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

```
.border{ border-color:rgb(236, 78, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 78, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 78, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 78, 145);  
box-shadow:4px 4px 4px 4px rgb(236, 78,  
145) }
```

# Background

The CSS property to change the background color of an element to YUV 132.8800, 5.9752, 90.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 78, 145) }
```

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

```
.background{ background-color: rgb(236, 78,  
145) }
```

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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