

# Converting Colors

YUV(135.1290, 28.5304,  
89.3409)

Have a look what the booklet for  
YUV(135.1290, 28.5304, 89.3409)  
contains.

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# Color

**YUV(135.1290, 28.5304,  
89.3409)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED48C1
RGB	237, 72, 193
RGB Percent	93%, 28%, 76%
CMY	0.0706, 0.7176, 0.2431
CMYK	0.00, 0.70, 0.19, 0.07
HSL	316°, 82%, 61%
HSV	316°, 70%, 93%
XYZ	46.8681, 26.4895, 53.0948
YIQ	135.1290, 59.4990, 72.6110

# Conversions

## Conversions Part 2

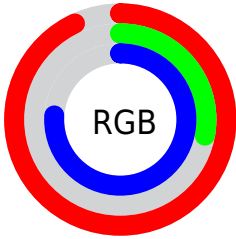
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	237, 72, 193
Decimal	15550657
CIE Lab	58.50, 73.90, -28.97
CIE LCh	58, 79.379, 338.592
Yxy	26.4895, 0.3706, 0.2095
Android (android.graphics.Color)	4293740737 (0xFFED48C1)
YUV	135.1290, 28.5304, 89.3409
Hunter-Lab	51.4680, 72.4778, -25.1366

# Details

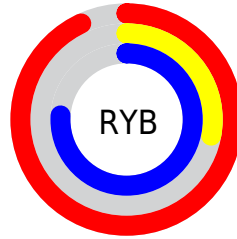
The YUV color **135.1290, 28.5304, 89.3409** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **173.8710, -28.5304, -89.3409**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.8160, 33.1217, 63.3054**, and **68.7690, 34.6239, 94.9186** is the 20% darker color. If you saturate the color by 10%, you get **120.3570, 32.8550, 102.2959**, and if you desaturate by 10%, it is **149.9010, 24.2058, 76.3858**.

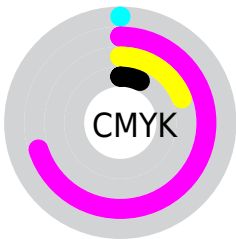
# Distribution



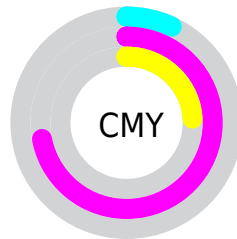
- Red (93%)
- Green (28%)
- Blue (76%)



- Red (93%)
- Yellow (28%)
- Blue (76%)



- Cyan (0%)
- Magenta (70%)
- Yellow (19%)
- Black (7%)




- Cyan (7%)
- Magenta (72%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 135.1290, 28.5304, 89.3409 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 135.1290, 28.5304, 89.3409 by changing the saturation by 10% instead.





 135.1290, 28.5304,  
89.3409


 135.1290, 28.5304,  
89.3409


255.0000, 0.0000,  
0.0000


 101.3620, 31.8665,  
92.6445


 182.8160, 33.1217,  
63.3054

 68.7690, 34.6239,  
94.9186


 200.4090, 26.9134,  
47.8763


 57.1340, 27.5419,  
79.6895

 217.4320, 18.5210,  
32.9471

 45.7270, 21.3336,  
64.2604

 235.0420, 9.8393,  
17.5032

 34.6190, 14.9778,  
49.4461

 252.6520, 1.1576,  
2.0592

 24.0380, 9.3483,  
35.0467

 12.4460, 3.7241,

18.9029

■ 0.0000, 0.0000,  
0.0000

■ 135.1290, 28.5304,  
89.3409

■ 135.1290, 28.5304,  
89.3409

■ 120.3570, 32.8550,  
102.2959

■ 149.9010, 24.2058,  
76.3858

■ 106.0580, 36.4534,  
114.8361

■ 164.2000, 20.6074,  
63.8456

■ 91.2860, 40.7780,  
127.7912

■ 178.9720, 16.2828,  
50.8906

■ 90.6990, 41.0674,  
128.3060

■ 193.7440, 11.9582,  
37.9355

■ 208.0430, 8.3598,  
25.3953

222.8150, 4.0352,  
12.4402

237.5870, -0.2894,  
-0.5148

248.3640, -2.1515,  
-9.9662

249.0480, 0.4693,  
-10.5661

# Harmonies

## Analogous

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



143.6930, 52.9024, 18.6862



135.1290, 28.5304, 89.3409



121.4920, 1.2364, 117.0865

# Triad

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



135.1290, 28.5304, 89.3409



129.9760, -64.0782, 19.3150



125.5540, 49.5199, -110.1109

# Complementary

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



135.1290, 28.5304, 89.3409



173.8710, -28.5304, -89.3409

# 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.



118.6170, 20.4018, -104.0271



135.1290, 28.5304, 89.3409



115.7470, -57.0633, -37.4891

# Square

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



135.1290, 28.5304, 89.3409



131.7570, -64.9562, 67.7421



108.4200, -11.0531, -95.0843



124.1640, 64.5021, -108.8918



# Rectangle

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



135.1290, 28.5304, 89.3409



126.3410, -23.3391, 112.8339



108.4200, -11.0531, -95.0843



123.8610, 40.4945, -108.6261

# Sweetspot

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



135.1290, 28.5304, 89.3409



221.7060, 9.5119, 29.1988



103.9660, 65.5858, 10.5538



108.1900, 5.3293, 17.3734



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.



135.1290, 28.5304, 89.3409



122.8840, 37.0322, 115.8657



125.6670, -7.7238, 97.6390



110.2010, 1.8729, 5.9627



69.2810, 31.4135, 97.9776



20.5920, 9.0751, 29.2988



# Inverse Universe

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



135.1290, 28.5304, 89.3409



122.8840, 37.0322, 115.8657



183.2190, 7.2870, -97.5391



110.2010, 1.8729, 5.9627



69.2810, 31.4135, 97.9776



20.5920, 9.0751, 29.2988



# Previews

## White Background



This preview shows how the YUV color 135.1290, 28.5304, 89.3409 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

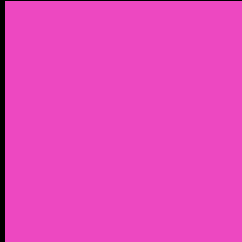
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 135.1290, 28.5304, 89.3409 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

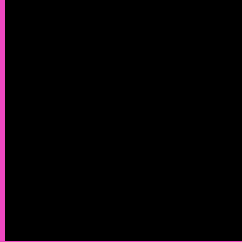
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 135.1290, 28.5304, 89.3409

## Background



This preview shows how black text looks on a background with the YUV color 135.1290, 28.5304, 89.3409.



This preview shows how white text looks on a background with the YUV color 135.1290, 28.5304, 89.3409.



# 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

135.1290, 28.5304, 89.3409

### Protanopia

136.5580, 53.9549, -39.0774

### Deuteranopia

141.9230, 20.2510, -8.7025



## Tritanopia

137.9670, -16.2527, 79.8359

# Trichromacy



## Original Color

135.1290, 28.5304, 89.3409



## Protanomaly

136.1510, 44.7886, 7.7606



## Deuteranomaly

139.6530, 23.3421, 26.6143



## Tritanomaly

137.2290, -0.1129, 83.1142

# Monochromacy



## Original Color

135.1290, 28.5304, 89.3409



## Achromatopsia

135.0000, 0.0000, 0.0000



## Achromatomaly

134.9560, 10.3747, 32.4876

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.1290, 28.5304, 89.3409 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(237, 72, 193)` looks like.

```
.text, #text, p{  
    color:rgb(237, 72, 193)  
}
```

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(237, 72, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 72, 193) }
```

## Border

The CSS property to change the border of an element to YUV 135.1290, 28.5304, 89.3409 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(237, 72, 193) }
```



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

```
.border{ border-color:rgb(237, 72, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 72, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 72, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 72, 193);  
box-shadow:4px 4px 4px 4px rgb(237, 72,  
193) }
```

# Background

The CSS property to change the background color of an element to YUV 135.1290, 28.5304, 89.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 72, 193) }
```

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

```
.background{ background-color: rgb(237, 72,  
193) }
```

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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