

# Converting Colors

YUV(130.0680, -9.4005,  
75.3624)

Have a look what the booklet for  
YUV(130.0680, -9.4005, 75.3624)  
contains.

<b>YUV(130.0680, -9.4005, 75.3624)</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(130.0680, -9.4005,  
75.3624)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D85A6F
RGB	216, 90, 111
RGB Percent	85%, 35%, 44%
CMY	0.1529, 0.6471, 0.5647
CMYK	0.00, 0.58, 0.49, 0.15
HSL	350°, 62%, 60%
HSV	350°, 58%, 85%
XYZ	34.8443, 23.0590, 17.6533
YIQ	130.0680, 68.3550, 33.2430

# Conversions

## Conversions Part 2

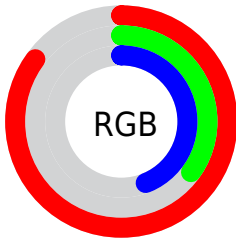
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	216, 90, 111
Decimal	14178927
CIE <sub>Lab</sub>	55.13, 51.24, 13.59
CIE <sub>LCh</sub>	55, 53.013, 14.850
Yxy	23.0590, 0.4612, 0.3052
Android (android.graphics.Color)	4292369007 (0xFFD85A6F)
YUV	130.0680, -9.4005, 75.3624
Hunter-Lab	48.0197, 45.4895, 11.8173

# Details

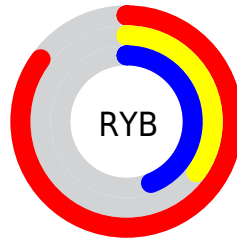
The YUV color **130.0680, -9.4005, 75.3624** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **175.9320, 9.4005, -75.3624**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8280, -8.7892, 65.9258**, and **73.3110, -4.5903, 72.5183** is the 20% darker color. If you saturate the color by 10%, you get **115.1020, -10.8963, 88.4875**, and if you desaturate by 10%, it is **145.0340, -7.9048, 62.2372**.

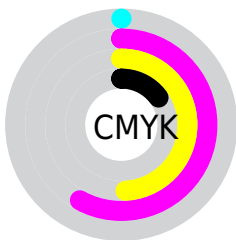
# Distribution



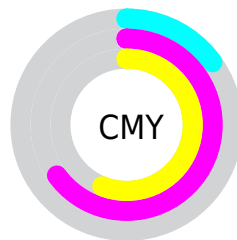
- Red (85%)
- Green (35%)
- Blue (44%)



- Red (85%)
- Yellow (35%)
- Blue (44%)



- Cyan (0%)
- Magenta (58%)
- Yellow (49%)
- Black (15%)




- Cyan (15%)
- Magenta (65%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 130.0680, -9.4005, 75.3624 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 130.0680, -9.4005, 75.3624 by changing the saturation by 10% instead.




 130.0680, -9.4005,  
75.3624

 130.0680, -9.4005,  
75.3624


255.0000, 0.0000,  
0.0000

 102.5130, -7.6479,  
73.2181


 179.8280, -8.7892,  
65.9258

 73.3110, -4.5903,  
72.5183


 198.7550, -4.8092,  
49.3269


 42.7610, -0.3752,  
73.8776

 218.9700, -0.9712,  
31.5983

 31.8100, -4.8363,  
58.0486

 239.2990, 3.3036,  
13.7698

 21.2290, -10.4659,  
43.6492

 12.9710, -5.9017,  
26.3354

 0.0000, 0.0000,

0.0000

■ 130.0680, -9.4005,  
75.3624

■ 130.0680, -9.4005,  
75.3624

■ 115.1020,  
-10.8963, 88.4875

■ 145.0340, -7.9048,  
62.2372

■ 100.7230,  
-12.6814, 101.0979

■ 159.4130, -6.1196,  
49.6268

■ 85.7570, -14.1772,  
114.2231

■ 174.3790, -4.6238,  
36.5016

■ 71.3780, -15.9624,  
126.8335

■ 188.7580, -2.8387,  
23.8912

■ 68.6880, -16.1152,  
129.1926

■ 203.7240, -1.3429,  
10.7661

■ 218.6900, 0.1528,  
-2.3591

■ 233.0690, 1.9380,  
-14.9695

■ 243.3390, 5.7489,  
-23.9763

# Harmonies

## Analogous

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



133.4850, 11.5929, 61.8417



130.0680, -9.4005, 75.3624



129.6220, -29.8866, 66.1065

# Triad

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



130.0680, -9.4005, 75.3624



117.9890, -27.1096, -31.5624



109.6080, 54.4233, -96.1262

# Complementary

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



130.0680, -9.4005, 75.3624



175.9320, 9.4005, -75.3624

# 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.



111.5680, 41.6250, -97.8451



130.0680, -9.4005, 75.3624



101.8950, 2.0238, -89.3619

# Square

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



130.0680, -9.4005, 75.3624



124.6600, -44.6954, 9.0682



107.9540, 22.7007, -94.6757



127.2290, 46.2291, -34.4038



# Rectangle

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



130.0680, -9.4005, 75.3624



128.7760, -40.3156, 51.0624



107.9540, 22.7007, -94.6757



110.7990, 51.3711, -97.1707

# Sweetspot

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



130.0680, -9.4005, 75.3624



223.6660, -3.2863, 27.4799



135.7590, 39.5588, 51.9544



108.2410, -2.0908, 17.3286



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.



130.0680, -9.4005, 75.3624



133.5280, -13.5713, 106.5309



152.3280, -30.7277, 55.8403



99.5170, -0.7479, 6.5626



54.3210, -12.9763, 102.3275



13.6550, -3.2809, 25.7356



# Inverse Universe

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



130.0680, -9.4005, 75.3624



133.5280, -13.5713, 106.5309



153.6720, 30.7277, -55.8403



99.5170, -0.7479, 6.5626



54.3210, -12.9763, 102.3275



13.6550, -3.2809, 25.7356



# Previews

## White Background



This preview shows how the YUV color 130.0680, -9.4005, 75.3624 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 130.0680, -9.4005, 75.3624 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

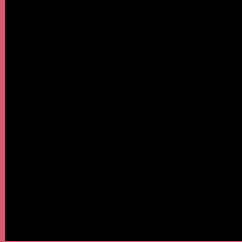
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 130.0680, -9.4005, 75.3624

## Background



This preview shows how black text looks on a background with the YUV color 130.0680, -9.4005, 75.3624.



This preview shows how white text looks on a background with the YUV color 130.0680, -9.4005,

75.3624.

# 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

130.0680, -9.4005, 75.3624

### Protanopia

133.0110, -0.0054, 1.7444

### Deuteranopia

132.8640, -13.7370, 19.4133



## Tritanopia

129.4610, -15.5103, 75.0177

# Trichromacy



## Original Color

130.0680, -9.4005, 75.3624

## Protanomaly

131.9650, -3.4337, 28.0947

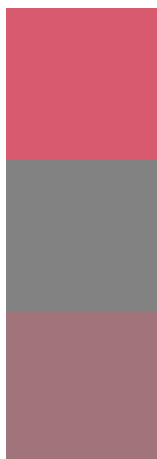
## Deuteranomaly

132.0390, -12.3442, 39.4308

## Tritanomaly

129.4440, -13.0369, 75.0326

# Monochromacy



## Original Color

130.0680, -9.4005, 75.3624

## Achromatopsia

130.0000, 0.0000, 0.0000

## Achromatomaly

129.6660, -3.2863, 27.4799

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 130.0680, -9.4005, 75.3624 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(216, 90, 111)` looks like.

```
.text, #text, p{  
    color:rgb(216, 90, 111)  
}
```

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(216, 90, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 90, 111) }
```

## Border

The CSS property to change the border of an element to YUV 130.0680, -9.4005, 75.3624 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(216, 90, 111) }
```



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

```
.border{ border-color:rgb(216, 90, 111) }
```

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

Here you see how a box with a 4 pixel rgb(216, 90, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 90, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 90, 111);  
box-shadow:4px 4px 4px 4px rgb(216, 90,  
111) }
```

# Background

The CSS property to change the background color of an element to YUV 130.0680, -9.4005, 75.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 90, 111) }
```

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

```
.background{ background-color: rgb(216, 90,  
111) }
```

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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