

# Converting Colors

YUV(130.7900, -7.7845,  
70.3442)

Have a look what the booklet for  
YUV(130.7900, -7.7845, 70.3442)  
contains.

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# Color

**YUV(130.7900, -7.7845,  
70.3442)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D35D73
RGB	211, 93, 115
RGB Percent	83%, 36%, 45%
CMY	0.1725, 0.6353, 0.5490
CMYK	0.00, 0.56, 0.45, 0.17
HSL	349°, 57%, 60%
HSV	349°, 56%, 83%
XYZ	33.8728, 22.9154, 18.8575
YIQ	130.7900, 63.2660, 31.8580

# Conversions

## Conversions Part 2

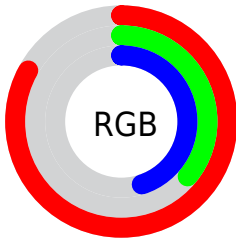
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 93, 115
Decimal	13852019
CIE Lab	54.99, 48.52, 10.91
CIE LCh	55, 49.733, 12.667
Yxy	22.9154, 0.4478, 0.3029
Android (android.graphics.Color)	4292042099 (0xFFD35D73)
YUV	130.7900, -7.7845, 70.3442
Hunter-Lab	47.8700, 42.5341, 10.1529

# Details

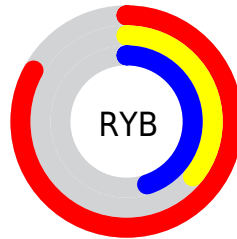
The YUV color **130.7900, -7.7845, 70.3442** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **173.2100, 7.7845, -70.3442**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5720, -7.1840, 64.3964**, and **75.3920, -4.1373, 67.1852** is the 20% darker color. If you saturate the color by 10%, you get **116.5250, -9.1328, 82.8546**, and if you desaturate by 10%, it is **145.0550, -6.4361, 57.8338**.

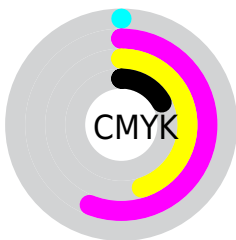
# Distribution



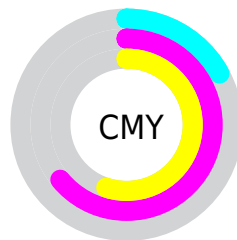
- Red (83%)
- Green (36%)
- Blue (45%)



- Red (83%)
- Yellow (36%)
- Blue (45%)



- Cyan (0%)
- Magenta (56%)
- Yellow (45%)
- Black (17%)



- Cyan (17%)
- Magenta (64%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 130.7900, -7.7845, 70.3442 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 130.7900, -7.7845, 70.3442 by changing the saturation by 10% instead.




 130.7900, -7.7845,  
70.3442


 130.7900, -7.7845,  
70.3442

255.0000, 0.0000,  
0.0000

 103.2350, -6.0319,  
68.1999


 181.5720, -7.1840,  
64.3964

 75.3920, -4.1373,  
67.1852


 201.0860, -3.4934,  
47.2826

 41.9070, 1.5248,  
71.1186

 220.7140, 0.6340,  
30.0688

 31.2550, -3.0837,  
55.9044

 240.9290, 4.4720,  
12.3403

 20.3320, -10.0237,  
41.8048

 12.0740, -5.4595,  
24.4911

 0.0000, 0.0000,

0.0000

■ 130.7900, -7.7845,  
70.3442

■ 130.7900, -7.7845,  
70.3442

■ 116.5250, -9.1328,  
82.8546

■ 145.0550, -6.4361,  
57.8338

■ 102.2600,  
-10.4812, 95.3650

■ 159.3200, -5.0878,  
45.3234

■ 87.9950, -11.8295,  
107.8754

■ 173.5850, -3.7394,  
32.8130

■ 73.6160, -13.6147,  
120.4858

■ 187.9640, -1.9543,  
20.2026

■ 67.5350, -14.0678,  
125.8188

■ 202.2290, -0.6059,  
7.6922

■ 217.0810, 0.4531,  
-5.3330

■ 231.3460, 1.8014,  
-17.8434

■ 241.5020, 5.1755,  
-26.7503

■ 241.8440, 6.4859,  
-27.0502

# Harmonies

## Analogous

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



133.8540, 11.9040, 55.3790



130.7900, -7.7845, 70.3442



129.9960, -27.1130, 63.1475

# Triad

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



130.7900, -7.7845, 70.3442



119.4350, -26.8365, -25.8145



108.2230, 51.6551, -94.9116

# Complementary

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



130.7900, -7.7845, 70.3442



173.2100, 7.7845, -70.3442

# 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.



110.1830, 38.8568, -96.6305



130.7900, -7.7845, 70.3442



100.4930, 1.7290, -88.1324

# Square

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



130.7900, -7.7845, 70.3442



125.1810, -41.5012, 11.2423



106.7970, 20.8061, -93.6610



126.6480, 44.0505, -35.6483



# Rectangle

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



130.7900, -7.7845, 70.3442



129.2750, -37.1106, 49.7478



106.7970, 20.8061, -93.6610



109.4140, 48.6029, -95.9561

# Sweetspot

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



130.7900, -7.7845, 70.3442



225.7690, -2.8441, 25.6356



134.5580, 37.6859, 45.9916



110.3440, -1.6486, 15.4843



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.



130.7900, -7.7845, 70.3442



138.7770, -11.2291, 101.9276



148.8270, -27.5227, 54.5257



97.5170, -0.7479, 6.5626



53.7660, -11.2236, 100.1832



13.1710, -2.5493, 24.4060



# Inverse Universe

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



130.7900, -7.7845, 70.3442



138.7770, -11.2291, 101.9276



155.1730, 27.5227, -54.5257



97.5170, -0.7479, 6.5626



53.7660, -11.2236, 100.1832



13.1710, -2.5493, 24.4060



# Previews

## White Background



This preview shows how the YUV color 130.7900, -7.7845, 70.3442 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 130.7900, -7.7845, 70.3442 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

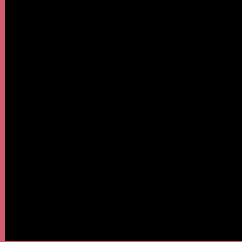
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 130.7900, -7.7845, 70.3442

## Background



This preview shows how black text looks on a background with the YUV color 130.7900, -7.7845, 70.3442.



This preview shows how white text looks on a background with the YUV color 130.7900, -7.7845,



# 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

130.7900, -7.7845, 70.3442

### Protanopia

132.1680, 1.8892, 0.7297

### Deuteranopia

132.8360, -11.2581, 17.6838



## Tritanopia

130.1830, -13.8942, 69.9995

# Trichromacy



## Original Color

130.7900, -7.7845, 70.3442

## Protanomaly

131.4100, -1.6811, 25.9504

## Deuteranomaly

132.2990, -10.0074, 36.5718

## Tritanomaly

130.1660, -11.4208, 70.0144

# Monochromacy



## Original Color

130.7900, -7.7845, 70.3442

## Achromatopsia

131.0000, 0.0000, 0.0000

## Achromatomaly

130.7690, -2.8441, 25.6356

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 130.7900, -7.7845, 70.3442 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(211, 93, 115)` looks like.

```
.text, #text, p{  
    color:rgb(211, 93, 115)  
}
```

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(211, 93, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 93, 115) }
```

## Border

The CSS property to change the border of an element to YUV 130.7900, -7.7845, 70.3442 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(211, 93, 115) }
```



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

```
.border{ border-color:rgb(211, 93, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 93, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 93, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 93, 115); box-shadow:4px 4px 4px 4px rgb(211, 93, 115) }
```

# Background

The CSS property to change the background color of an element to YUV 130.7900, -7.7845, 70.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 93, 115) }
```

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

```
.background{ background-color: rgb(211, 93,  
115) }
```

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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