

# Converting Colors

YUV(133.9380, 7.9186, 73.7224)

Have a look what the booklet for  
YUV(133.9380, 7.9186, 73.7224)  
contains.

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# Color

**YUV(133.9380, 7.9186,  
73.7224)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA5896
RGB	218, 88, 150
RGB Percent	85%, 35%, 59%
CMY	0.1451, 0.6549, 0.4118
CMYK	0.00, 0.60, 0.31, 0.15
HSL	331°, 64%, 60%
HSV	331°, 60%, 85%
XYZ	37.9082, 24.0869, 31.5054
YIQ	133.9380, 57.5780, 46.8420

# Conversions

## Conversions Part 2

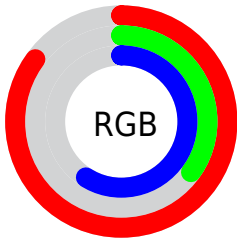
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	218, 88, 150
Decimal	14309526
CIE Lab	56.17, 56.95, -7.84
CIE LCh	56, 57.485, 352.157
Yxy	24.0869, 0.4054, 0.2576
Android (android.graphics.Color)	4292499606 (0xFFDA5896)
YUV	133.9380, 7.9186, 73.7224
Hunter-Lab	49.0784, 51.9864, -3.7058

# Details

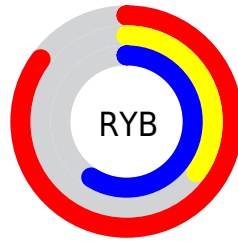
The YUV color **133.9380, 7.9186, 73.7224** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **172.0620, -7.9186, -73.7224**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4420, 10.1351, 62.7564**, and **74.6760, 11.9917, 73.9521** is the 20% darker color. If you saturate the color by 10%, you get **119.7700, 9.4804, 86.1477**, and if you desaturate by 10%, it is **148.1060, 6.3567, 61.2970**.

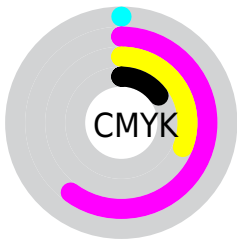
# Distribution



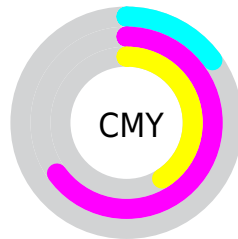
- Red (85%)
- Green (35%)
- Blue (59%)



- Red (85%)
- Yellow (35%)
- Blue (59%)



- Cyan (0%)
- Magenta (60%)
- Yellow (31%)
- Black (15%)



- Cyan (15%)
- Magenta (65%)
- Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 133.9380, 7.9186, 73.7224 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 133.9380, 7.9186, 73.7224 by changing the saturation by 10% instead.





 133.9380, 7.9186,  
73.7224


 133.9380, 7.9186,  
73.7224


255.0000, 0.0000,  
0.0000


 105.5680, 9.0870,  
72.2929


 183.4420, 10.1351,  
62.7564

 74.6760, 11.9917,  
73.9521


 203.6570, 13.9731,  
45.0278


 47.7190, 13.4495,  
73.0374

 222.7150, 15.9165,  
28.3139

 36.8390, 7.9674,  
58.0232

 239.7380, 7.5242,  
13.3848

 26.0730, 2.9220,  
42.9090

 15.5200, -5.1864,  
30.2390

 0.0000, 0.0000,

0.0000

■ 133.9380, 7.9186,  
73.7224

■ 133.9380, 7.9186,  
73.7224

■ 119.7700, 9.4804,  
86.1477

■ 148.1060, 6.3567,  
61.2970

■ 105.4880, 10.6054,  
98.6730

■ 162.3880, 5.2317,  
48.7717

■ 91.9070, 11.8778,  
110.5836

■ 175.9690, 3.9593,  
36.8612

■ 77.6250, 13.0029,  
123.1089

■ 190.2510, 2.8343,  
24.3359

■ 77.0380, 13.2923,  
123.6237

■ 204.4190, 1.2724,  
11.9105

■ 218.5870, -0.2894,  
-0.5148

■ 232.8690, -1.4144,  
-13.0401

■ 242.3410, -0.6611,  
-21.3471

■ 243.7090, 4.5805,  
-22.5468

# Harmonies

## Analogous

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



138.5110, 28.8351, 38.1399



133.9380, 7.9186, 73.7224



131.2060, -15.3846, 81.3803

# Triad

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



133.9380, 7.9186, 73.7224



124.4370, -46.5574, -0.3832



114.6800, 48.4718, -100.5744

# Complementary

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



133.9380, 7.9186, 73.7224



172.0620, -7.9186, -73.7224

# 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.



112.2400, 28.9687, -98.4345



133.9380, 7.9186, 73.7224



115.4320, -22.3980, -49.4909

# Square

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



133.9380, 7.9186, 73.7224



128.8870, -52.2023, 36.9331



106.3120, 6.2552, -93.2356



111.2040, 60.5384, -97.5259



# Rectangle

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



133.9380, 7.9186, 73.7224



131.5520, -30.3451, 73.1839



106.3120, 6.2552, -93.2356



114.4860, 42.6514, -100.4042

# Sweetspot

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



133.9380, 7.9186, 73.7224



225.2620, 2.8288, 26.0802



122.8530, 46.9075, 28.1929



109.2670, 1.8404, 16.4288



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.



133.9380, 7.9186, 73.7224



136.0480, 11.3153, 104.3209



128.0440, -19.7417, 78.8914



102.8590, 0.5625, 6.2627



61.1890, 10.7528, 98.0582



16.2620, 2.8288, 26.0802



# Inverse Universe

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



133.9380, 7.9186, 73.7224



136.0480, 11.3153, 104.3209



177.9560, 19.7417, -78.8914



102.8590, 0.5625, 6.2627



61.1890, 10.7528, 98.0582



16.2620, 2.8288, 26.0802



# Previews

## White Background



This preview shows how the YUV color 133.9380, 7.9186, 73.7224 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 133.9380, 7.9186, 73.7224 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

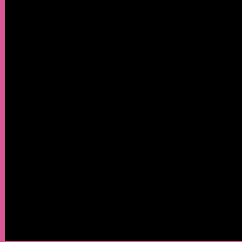
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 133.9380, 7.9186, 73.7224

## Background



This preview shows how black text looks on a background with the YUV color 133.9380, 7.9186, 73.7224.



This preview shows how white text looks on a background with the YUV color 133.9380, 7.9186,



# 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

133.9380, 7.9186, 73.7224

### Protanopia

135.6560, 21.8616, -11.9763

### Deuteranopia

136.2550, 3.3253, 6.7924



## Tritanopia

133.4820, -14.0416, 70.6143

# Trichromacy



## Original Color

133.9380, 7.9186, 73.7224



## Protanomaly

134.8880, 16.8172, 19.3922



## Deuteranomaly

135.2780, 5.2859, 31.3282



## Tritanomaly

133.2570, -6.0427, 71.6886

# Monochromacy



## Original Color

133.9380, 7.9186, 73.7224



## Achromatopsia

134.0000, 0.0000, 0.0000



## Achromatomaly

133.9740, 2.9708, 27.2098

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.9380, 7.9186, 73.7224 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(218, 88, 150)` looks like.

```
.text, #text, p{  
    color:rgb(218, 88, 150)  
}
```

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(218, 88, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 88, 150) }
```

## Border

The CSS property to change the border of an element to YUV 133.9380, 7.9186, 73.7224 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(218, 88, 150) }
```



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

```
.border{ border-color:rgb(218, 88, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 88, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 88, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 88, 150);  
box-shadow:4px 4px 4px 4px rgb(218, 88,  
150) }
```

# Background

The CSS property to change the background color of an element to YUV 133.9380, 7.9186, 73.7224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 88, 150) }
```

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

```
.background{ background-color: rgb(218, 88,  
150) }
```

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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