

# Converting Colors

YUV(133.7120, 0.6350, 76.5516)

Have a look what the booklet for  
YUV(133.7120, 0.6350, 76.5516)  
contains.

<b>YUV(133.7120, 0.6350, 76.5516)</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(133.7120, 0.6350,  
76.5516)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD5987
RGB	221, 89, 135
RGB Percent	87%, 35%, 53%
CMY	0.1333, 0.6510, 0.4706
CMYK	0.00, 0.60, 0.39, 0.13
HSL	339°, 66%, 61%
HSV	339°, 60%, 87%
XYZ	37.7643, 24.2662, 25.6151
YIQ	133.7120, 63.9060, 42.2900

# Conversions

## Conversions Part 2

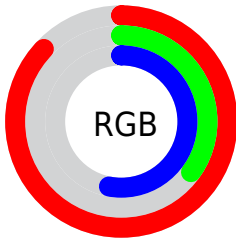
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 89, 135
Decimal	14506375
CIE <sub>Lab</sub>	56.35, 55.71, 1.28
CIE <sub>LCh</sub>	56, 55.726, 1.319
Yxy	24.2662, 0.4309, 0.2769
Android (android.graphics.Color)	4292696455 (0xFFDD5987)
YUV	133.7120, 0.6350, 76.5516
Hunter-Lab	49.2607, 50.6358, 3.6523

# Details

The YUV color **133.7120, 0.6350, 76.5516** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **176.2880, -0.6350, -76.5516**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2050, 2.8569, 63.8412**, and **75.2650, 5.2924, 76.0666** is the 20% darker color. If you saturate the color by 10%, you get **119.2020, 0.8864, 89.2768**, and if you desaturate by 10%, it is **148.2220, 0.3836, 63.8263**.

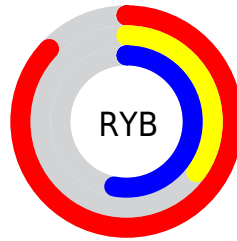
# Distribution



Red (87%)

Green (35%)

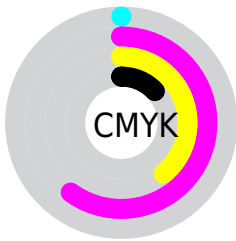
Blue (53%)



Red (87%)

Yellow (35%)

Blue (53%)

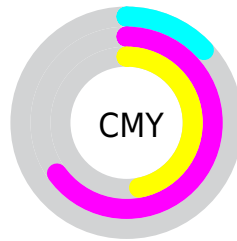


Cyan (0%)

Magenta (60%)

Yellow (39%)

Black (13%)



Cyan (13%)

Magenta (65%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 133.7120, 0.6350, 76.5516 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 133.7120, 0.6350, 76.5516 by changing the saturation by 10% instead.




 133.7120, 0.6350,  
76.5516

 133.7120, 0.6350,  
76.5516

255.0000, 0.0000,  
0.0000


 105.4560, 2.2402,  
75.0221

 182.2050, 2.8569,  
63.8412

 75.2650, 5.2924,  
76.0666


 201.8330, 6.9843,  
46.6275


 46.8350, 7.4763,  
75.5667

 222.0480, 10.8223,  
28.8989

 35.7700, 2.5784,  
59.8377

 240.3250, 7.2348,  
12.8700

 25.0040, -2.4670,  
44.7235

 15.1780, -6.4968,  
30.5389

 0.0000, 0.0000,

0.0000

■ 133.7120, 0.6350,  
76.5516

■ 133.7120, 0.6350,  
76.5516

■ 119.2020, 0.8864,  
89.2768

■ 148.2220, 0.3836,  
63.8263

■ 104.5780, 0.7010,  
102.1021

■ 162.8460, 0.5689,  
51.0011

■ 90.0680, 0.9525,  
114.8274

■ 177.3560, 0.3175,  
38.2758

■ 75.4440, 0.7671,  
127.6526

■ 191.9800, 0.5029,  
25.4505

■ 74.8570, 1.0565,  
128.1674

■ 207.0770, -0.0380,  
12.2105

■ 221.5870, -0.2894,  
-0.5148

■ 236.2110, -0.1040,  
-13.3400

■ 244.2640, 2.8278,  
-20.4025

■ 244.8340, 5.0118,  
-20.9024

# Harmonies

## Analogous

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



138.3400, 21.5244, 49.6908



133.7120, 0.6350, 76.5516



131.8650, -21.6254, 76.4174

# Triad

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



133.7120, 0.6350, 76.5516



124.0100, -38.9519, -13.1638



114.3040, 52.1081, -100.2446

# Complementary

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



133.7120, 0.6350, 76.5516



176.2880, -0.6350, -76.5516

# 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.



113.7220, 34.6471, -99.7342



133.7120, 0.6350, 76.5516



108.8620, -11.2710, -71.7930

# Square

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



133.7120, 0.6350, 76.5516



128.2770, -50.4226, 26.0671



108.2500, 13.6807, -94.9352



108.6280, 60.8224, -95.2668



# Rectangle

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



133.7120, 0.6350, 76.5516



131.8300, -35.4122, 65.0471



108.2500, 13.6807, -94.9352



114.3380, 47.1614, -100.2744

# Sweetspot

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



133.7120, 0.6350, 76.5516



224.5780, 0.2080, 26.6801



129.7620, 44.9803, 39.6737



108.8110, 0.0932, 16.8288



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.



133.7120, 0.6350, 76.5516



133.3120, 0.8322, 106.7204



140.2080, -25.2455, 70.8546



102.7450, 0.1257, 6.3626



58.5670, 0.7065, 100.3577



15.5780, 0.2080, 26.6801



# Inverse Universe

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



133.7120, 0.6350, 76.5516



133.3120, 0.8322, 106.7204



169.7920, 25.2455, -70.8546



102.7450, 0.1257, 6.3626



58.5670, 0.7065, 100.3577



15.5780, 0.2080, 26.6801



# Previews

## White Background



This preview shows how the YUV color 133.7120, 0.6350, 76.5516 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

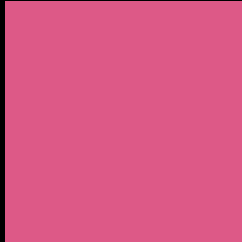
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 133.7120, 0.6350, 76.5516 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

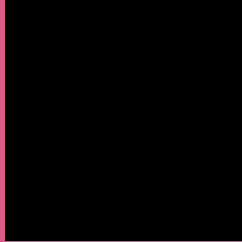
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 133.7120, 0.6350, 76.5516

## Background



This preview shows how black text looks on a background with the YUV color 133.7120, 0.6350, 76.5516.



This preview shows how white text looks on a background with the YUV color 133.7120, 0.6350,



# 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

133.7120, 0.6350, 76.5516

### Protanopia

136.1100, 13.2568, -5.3585

### Deuteranopia

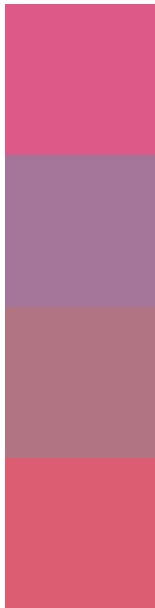
136.7520, -3.8217, 12.4955



## Tritanopia

133.4610, -15.5103, 75.0177

# Trichromacy



## Original Color

133.7120, 0.6350, 76.5516

## Protanomaly

135.4450, 8.6546, 24.1657

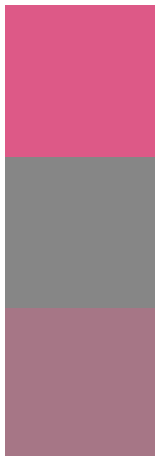
## Deuteranomaly

135.6500, -2.2925, 35.3869

## Tritanomaly

133.3670, -9.5479, 75.9771

# Monochromacy



## Original Color

133.7120, 0.6350, 76.5516

## Achromatopsia

134.0000, 0.0000, 0.0000

## Achromatomaly

134.1760, -0.0868, 27.9096

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.7120, 0.6350, 76.5516 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(221, 89, 135)` looks like.

```
.text, #text, p{  
    color:rgb(221, 89, 135)  
}
```

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(221, 89, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 89, 135) }
```

## Border

The CSS property to change the border of an element to YUV 133.7120, 0.6350, 76.5516 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(221, 89, 135) }
```



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

```
.border{ border-color:rgb(221, 89, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 89, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 89, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 89, 135);  
box-shadow:4px 4px 4px 4px rgb(221, 89,  
135) }
```

# Background

The CSS property to change the background color of an element to YUV 133.7120, 0.6350, 76.5516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 89, 135) }
```

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

```
.background{ background-color: rgb(221, 89,  
135) }
```

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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