

# Converting Colors

YUV(133.9520, -3.4273,  
72.8331)

Have a look what the booklet for  
YUV(133.9520, -3.4273, 72.8331)  
contains.

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# Color

**YUV(133.9520, -3.4273,  
72.8331)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D95D7F
RGB	217, 93, 127
RGB Percent	85%, 36%, 50%
CMY	0.1490, 0.6353, 0.5020
CMYK	0.00, 0.57, 0.41, 0.15
HSL	344°, 62%, 61%
HSV	344°, 57%, 85%
XYZ	36.3604, 24.1127, 22.8165
YIQ	133.9520, 62.9900, 36.8620

# Conversions

## Conversions Part 2

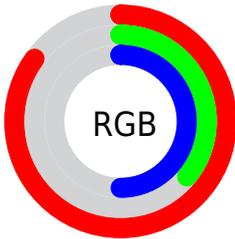
Format	Color
<a href="#">RYB</a>	<a href="#">217, 93, 127</a>
Decimal	<a href="#">14245247</a>
CIELab	<a href="#">56.20, 51.76, 5.69</a>
CIELCh	<a href="#">56, 52.070, 6.274</a>
Yxy	<a href="#">24.1127, 0.4366, 0.2895</a>
Android (android.graphics.Color)	<a href="#">4292435327</a> ( <a href="#">0xFFD95D7F</a> )
YUV	<a href="#">133.9520, -3.4273, 72.8331</a>
Hunter-Lab	<a href="#">49.1047, 46.2400, 6.8242</a>

# Details

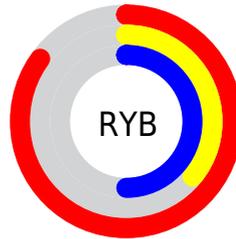
The YUV color **133.9520, -3.4273, 72.8331** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **176.0480, 3.4273, -72.8331**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.6410, -1.7950, 62.5818**, and **77.8530, 0.0725, 70.2889** is the 20% darker color. If you saturate the color by 10%, you get **119.2140, -4.0495, 85.7583**, and if you desaturate by 10%, it is **148.6900, -2.8052, 59.9079**.

# Distribution



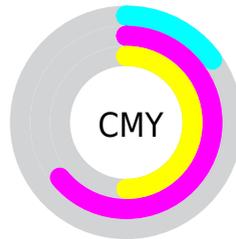
- Red (85%)
- Green (36%)
- Blue (50%)



- Red (85%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (57%)
- Yellow (41%)
- Black (15%)



- Cyan (15%)
- Magenta (64%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 133.9520, -3.4273, 72.8331 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 133.9520, -3.4273, 72.8331 by changing the saturation by 10% instead.

 133.9520, -3.4273,  
72.8331

 133.9520, -3.4273,  
72.8331

255.0000, 0.0000,  
0.0000

 106.2830, -2.1115,  
70.7888

 183.6410, -1.7950,  
62.5818

 77.8530, 0.0725,  
70.2889

 203.1550, 1.8956,  
45.4681

 44.9550, 5.4452,  
73.7075

 222.7830, 6.0230,  
28.2543

 34.0750, -0.0370,  
58.6932

 242.0860, 6.3666,  
11.3256

 23.1950, -5.5191,  
43.6790

 14.2810, -6.0545,  
28.6946

 0.0000, 0.0000,

0.0000

■ 133.9520, -3.4273,  
72.8331

■ 133.9520, -3.4273,  
72.8331

■ 119.2140, -4.0495,  
85.7583

■ 148.6900, -2.8052,  
59.9079

■ 105.0630, -4.9611,  
98.1687

■ 162.7270, -2.3304,  
47.5974

■ 90.4390, -5.1464,  
110.9940

■ 177.4650, -1.7082,  
34.6722

■ 75.7010, -5.7686,  
123.9192

■ 192.2030, -1.0861,  
21.7470

■ 71.6090, -6.2162,  
127.5079

■ 206.9410, -0.4639,  
8.8217

■ 221.0920, 0.4476,  
-3.5887

■ 235.7160, 0.6330,  
-16.4139

■ 243.4100, 4.7279,  
-23.1616

■ 243.6380, 5.6015,  
-23.3615

# Harmonies

## Analogous

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



137.7980, 16.8616, 51.9202



133.9520, -3.4273, 72.8331



132.8380, -24.0771, 69.4251

# Triad

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



133.9520, -3.4273, 72.8331



123.5840, -32.8259, -18.0522



112.2010, 51.6659, -98.4003

# Complementary

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



133.9520, -3.4273, 72.8331



176.0480, 3.4273, -72.8331

# 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.



112.3030, 36.8256, -98.4897



133.9520, -3.4273, 72.8331



106.1260, -4.9921, -79.0405

# Square

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



133.9520, -3.4273, 72.8331



128.9000, -45.3067, 18.5047



108.4610, 17.0277, -95.1203



123.4110, 50.0834, -57.3654

# Rectangle

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



133.9520, -3.4273, 72.8331



132.2590, -36.1167, 57.6549



108.4610, 17.0277, -95.1203



113.0500, 47.3034, -99.1448

# Sweetspot

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



133.9520, -3.4273, 72.8331



226.2250, -1.0969, 25.2357



133.7470, 41.0437, 42.3179



110.5720, -0.7750, 15.2844



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

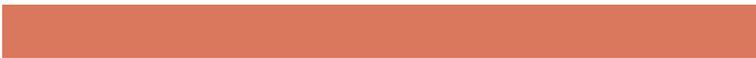
The Same Dimension uses a secret algorithm to generate beautiful new colors.



133.9520, -3.4273, 72.8331



137.0960, -4.9773, 103.4018



145.9250, -26.0920, 62.3328



102.6310, -0.3111, 6.4626



57.1990, -4.5351, 101.5575



15.2360, -1.1023, 26.9800



# Inverse Universe

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



133.9520, -3.4273, 72.8331



137.0960, -4.9773, 103.4018



164.0750, 26.0920, -62.3328



102.6310, -0.3111, 6.4626



57.1990, -4.5351, 101.5575

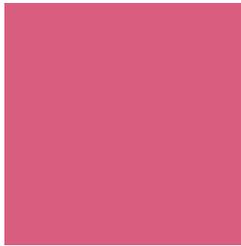


15.2360, -1.1023, 26.9800



# Previews

## White Background



This preview shows how the YUV color 133.9520, -3.4273, 72.8331 looks on a white background.

## Color Contrast Check

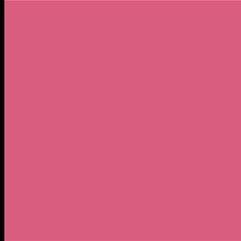
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9520, -3.4273, 72.8331 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

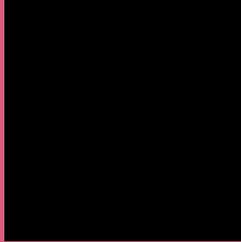
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 133.9520, -3.4273, 72.8331

## Background



This preview shows how black text looks on a background with the YUV color 133.9520, -3.4273, 72.8331.



This preview shows how white text looks on a background with the YUV color 133.9520, -3.4273,



# 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

133.9520, -3.4273, 72.8331

### Protanopia

135.6390, 7.5730, -2.3144

### Deuteranopia

135.8510, -7.3215, 15.0397



## Tritanopia

133.0800, -14.3364, 71.8438

# Trichromacy



## Original Color

133.9520, -3.4273, 72.8331

## Protanomaly

135.0770, 3.4130, 25.3655

## Deuteranomaly

135.3250, -6.0762, 35.6720

## Tritanomaly

133.7040, -10.7001, 72.1736

# Monochromacy



## Original Color

133.9520, -3.4273, 72.8331

## Achromatopsia

134.0000, 0.0000, 0.0000

## Achromatomaly

133.8230, -1.3917, 26.4652

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.9520, -3.4273, 72.8331 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(217, 93, 127)` looks like.

```
.text, #text, p{  
    color:rgb(217, 93, 127)  
}
```

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(217, 93, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 93, 127) }
```

## Border

The CSS property to change the border of an element to YUV 133.9520, -3.4273, 72.8331 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(217, 93, 127) }
```

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

```
.border{ border-color:rgb(217, 93, 127) }
```

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

Here you see how a box with a 4 pixel rgb(217, 93, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 93, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 93, 127);  
box-shadow:4px 4px 4px 4px rgb(217, 93,  
127) }
```

# Background

The CSS property to change the background color of an element to YUV 133.9520, -3.4273, 72.8331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 93, 127) }
```

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

```
.background{ background-color: rgb(217, 93,  
127) }
```

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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