

# Converting Colors

YUV(174.8320, 8.4638, 38.7353)

Have a look what the booklet for  
YUV(174.8320, 8.4638, 38.7353)  
contains.

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# Color

**YUV(174.8320, 8.4638,  
38.7353)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB95C0
RGB	219, 149, 192
RGB Percent	86%, 58%, 75%
CMY	0.1412, 0.4157, 0.2471
CMYK	0.00, 0.32, 0.12, 0.14
HSL	323°, 49%, 72%
HSV	323°, 32%, 86%
XYZ	49.4753, 40.3607, 55.0519
YIQ	174.8320, 27.9170, 28.2130

# Conversions

## Conversions Part 2

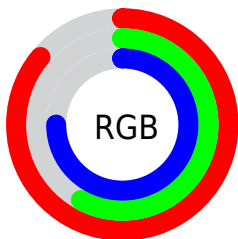
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	219, 149, 192
Decimal	14390720
CIE Lab	69.73, 32.70, -11.53
CIE LCh	70, 34.676, 340.582
Yxy	40.3607, 0.3415, 0.2786
Android (android.graphics.Color)	4292580800 (0xFFDB95C0)
YUV	174.8320, 8.4638, 38.7353
Hunter-Lab	63.5301, 27.8327, -6.9066

# Details

The YUV color  $174.8320, 8.4638, 38.7353$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $193.1680, -8.4638, -38.7353$ , and the grayscale version is  $175.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $224.2650, 11.7014, 26.9546$ , and  $121.5220, 8.6167, 36.3762$  is the 20% darker color. If you saturate the color by 10%, you get  $161.0060, 11.3360, 50.8607$ , and if you desaturate by 10%, it is  $188.6580, 5.5916, 26.6099$ .

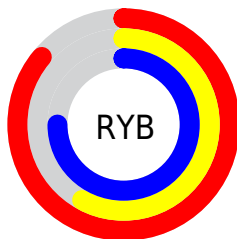
# Distribution



Red (86%)

Green (58%)

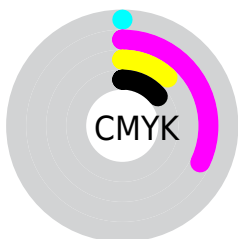
Blue (75%)



Red (86%)

Yellow (58%)

Blue (75%)

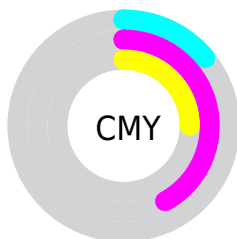


Cyan (0%)

Magenta (32%)

Yellow (12%)

Black (14%)



Cyan (14%)

Magenta (42%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 174.8320, 8.4638, 38.7353 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 174.8320, 8.4638, 38.7353 by changing the saturation by 10% instead.





 174.8320, 8.4638,  
38.7353


 174.8320, 8.4638,  
38.7353


255.0000, 0.0000,  
0.0000


 148.1200, 8.3218,  
37.6058


 224.2650, 11.7014,  
26.9546


 121.5220, 8.6167,  
36.3762

 241.4990, 6.6560,  
11.8404

 95.8100, 8.4747,  
35.2466

 71.2120, 8.7695,  
34.0171

 46.6140, 9.0643,  
32.7875

 22.5430, 10.0853,  
31.9728

 14.5820, 4.1501,

22.2916

■ 0.0000, 0.0000,  
0.0000

■ 174.8320, 8.4638,  
38.7353

■ 174.8320, 8.4638,  
38.7353

■ 161.0060, 11.3360,  
50.8607

■ 188.6580, 5.5916,  
26.6099

■ 147.0660, 13.7715,  
63.0861

■ 202.5980, 3.1562,  
14.3846

■ 133.2400, 16.6437,  
75.2115

■ 216.4240, 0.2840,  
2.2592

■ 119.3000, 19.0791,  
87.4369

■ 230.3640, -2.1515,  
-9.9662

■ 106.0610, 21.6619,  
99.0475

■ 241.8420, -3.8661,  
-20.0324

■ 92.1210, 24.0973,  
111.2729

■ 242.8680, 0.0651,  
-20.9322

■ 80.8710, 26.6856,  
121.1391

■ 243.7800, 3.5595,  
-21.7321

■ 244.2360, 5.3067,  
-22.1320

# Harmonies

## Analogous

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



174.1090, 21.6383, 13.0594



174.8320, 8.4638, 38.7353



173.3100, -6.5618, 51.4711

# Triad

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



174.8320, 8.4638, 38.7353



167.3950, -29.2817, 11.9316



149.2790, 29.9355, -81.8057

# Complementary

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



174.8320, 8.4638, 38.7353



193.1680, -8.4638, -38.7353

# 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.



151.3330, 14.6258, -71.3290



174.8320, 8.4638, 38.7353



163.8090, -20.6118, -15.6185

# Square

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



174.8320, 8.4638, 38.7353



169.6520, -28.9154, 34.5082



158.3460, -5.1006, -44.1534



159.2850, 34.3695, -57.2549



# Rectangle

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



174.8320, 8.4638, 38.7353



172.4920, -16.0186, 51.3115



158.3460, -5.1006, -44.1534



149.1280, 25.5729, -82.5503

# Sweetspot

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



174.8320, 8.4638, 38.7353



239.1850, 2.8668, 13.8698



165.0530, 26.5959, 9.6005



117.9240, 2.0095, 8.8367



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.



174.8320, 8.4638, 38.7353



193.8430, 11.9094, 53.6347



170.8420, -6.8241, 42.2346



102.9730, 0.9993, 6.1627



63.9250, 21.2360, 95.6588



16.9460, 5.4496, 25.4804



# Inverse Universe

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



174.8320, 8.4638, 38.7353



193.8430, 11.9094, 53.6347



197.1580, 6.8241, -42.2346



102.9730, 0.9993, 6.1627



63.9250, 21.2360, 95.6588



16.9460, 5.4496, 25.4804



# Previews

## White Background



This preview shows how the YUV color 174.8320, 8.4638, 38.7353 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

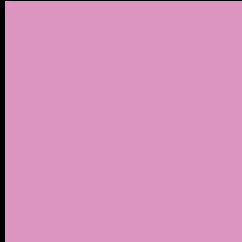
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 174.8320, 8.4638, 38.7353 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

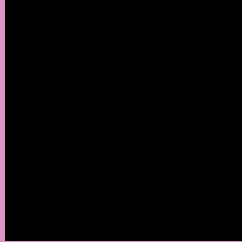
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 174.8320, 8.4638, 38.7353

## Background



This preview shows how black text looks on a background with the YUV color 174.8320, 8.4638, 38.7353.



This preview shows how white text looks on a background with the YUV color 174.8320, 8.4638,



# 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

174.8320, 8.4638, 38.7353

### Protanopia

171.3100, 16.6092, -7.2879

### Deuteranopia

172.5090, 8.1301, 5.6926



## Tritanopia

173.9060, -3.8977, 36.9164

# Trichromacy



## Original Color

174.8320, 8.4638, 38.7353



## Protanomaly

172.6110, 13.5028, 9.1112



## Deuteranomaly

173.5860, 8.0921, 17.9031



## Tritanomaly

174.0570, 0.4649, 37.6610

# Monochromacy



## Original Color

174.8320, 8.4638, 38.7353



## Achromatopsia

175.0000, 0.0000, 0.0000



## Achromatomaly

175.1850, 2.8668, 13.8698

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 174.8320, 8.4638, 38.7353 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(219, 149, 192)` looks like.

```
.text, #text, p{  
    color:rgb(219, 149, 192)  
}
```

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(219, 149, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 149, 192) }
```

## Border

The CSS property to change the border of an element to YUV 174.8320, 8.4638, 38.7353 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(219, 149, 192) }
```



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

```
.border{ border-color:rgb(219, 149, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 149, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 149, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 149, 192);  
box-shadow:4px 4px 4px 4px rgb(219, 149,  
192) }
```

# Background

The CSS property to change the background color of an element to YUV 174.8320, 8.4638, 38.7353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 149, 192) }
```

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

```
.background{ background-color: rgb(219,  
149, 192) }
```

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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