

# Converting Colors

YUV(174.6380, 2.6435, 38.9055)

Have a look what the booklet for  
YUV(174.6380, 2.6435, 38.9055)  
contains.

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# Color

**YUV(174.6380, 2.6435,  
38.9055)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB97B4
RGB	219, 151, 180
RGB Percent	86%, 59%, 71%
CMY	0.1412, 0.4078, 0.2941
CMYK	0.00, 0.31, 0.18, 0.14
HSL	334°, 49%, 73%
HSV	334°, 31%, 86%
XYZ	48.5182, 40.4886, 48.4379
YIQ	174.6380, 31.2190, 23.4350

# Conversions

## Conversions Part 2

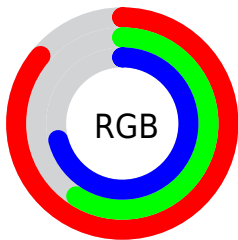
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 151, 180
Decimal	14391220
CIE <sub>Lab</sub>	69.82, 29.70, -4.72
CIE <sub>LCh</sub>	70, 30.075, 350.975
Yxy	40.4886, 0.3530, 0.2946
Android (android.graphics.Color)	4292581300 (0xFFDB97B4)
YUV	174.6380, 2.6435, 38.9055
Hunter-Lab	63.6306, 24.7523, -0.5922

# Details

The YUV color **174.6380, 2.6435, 38.9055** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **195.3620, -2.6435, -38.9055**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.0710, 5.8810, 27.1247**, and **121.3280, 2.7963, 36.5463** is the 20% darker color. If you saturate the color by 10%, you get **160.2420, 3.3317, 51.5308**, and if you desaturate by 10%, it is **189.0340, 1.9552, 26.2802**.

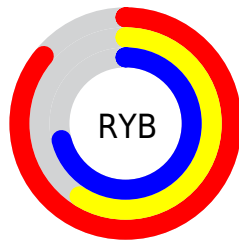
# Distribution



Red (86%)

Green (59%)

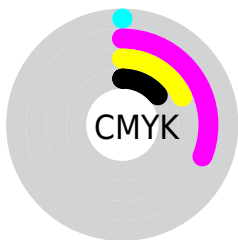
Blue (71%)



Red (86%)

Yellow (59%)

Blue (71%)

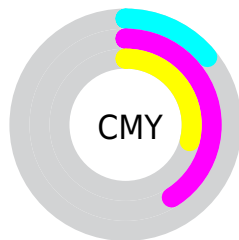


Cyan (0%)

Magenta (31%)

Yellow (18%)

Black (14%)



Cyan (14%)

Magenta (41%)


Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 174.6380, 2.6435, 38.9055 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 174.6380, 2.6435, 38.9055 by changing the saturation by 10% instead.




 174.6380, 2.6435,  
38.9055

 174.6380, 2.6435,  
38.9055

255.0000, 0.0000,  
0.0000

 147.9260, 2.5015,  
37.7759


 224.0710, 5.8810,  
27.1247


 121.3280, 2.7963,  
36.5463

 242.6730, 6.0772,  
10.8108

 95.7300, 3.0911,  
35.3168

 71.4200, 3.2439,  
32.9577

 47.3490, 4.2649,  
32.1429

 22.6910, 5.5753,  
31.8430

 13.3280, -0.6547,

23.3913

0.0000, 0.0000,  
0.0000

174.6380, 2.6435,  
38.9055

174.6380, 2.6435,  
38.9055

160.2420, 3.3317,  
51.5308

189.0340, 1.9552,  
26.2802

145.9600, 4.4567,  
64.0561

203.3160, 0.8302,  
13.7549

131.5640, 5.1449,  
76.6814

217.7120, 0.1420,  
1.1296

117.2820, 6.2700,  
89.2067

231.9940, -0.9830,  
-11.3957

103.4730, 6.6688,  
101.3172

242.8680, 0.0651,  
-20.9322

■ 89.1910, 7.7938,  
113.8425

■ 244.2360, 5.3067,  
-22.1320

■ 76.0830, 8.3401,  
125.3382

# Harmonies

## Analogous

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



174.4320, 15.0700, 19.7921



174.6380, 2.6435, 38.9055



173.2400, -10.4713, 45.3935

# Triad

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



174.6380, 2.6435, 38.9055



167.1210, -23.7237, 2.5249



157.9120, 26.6654, -59.5588

# Complementary

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



174.6380, 2.6435, 38.9055



195.3620, -2.6435, -38.9055

# 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.



155.5560, 16.4879, -61.8776



174.6380, 2.6435, 38.9055



163.7850, -14.1910, -21.7364

# Square

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



174.6380, 2.6435, 38.9055



169.6830, -25.9727, 23.9570



158.9420, 1.0146, -45.5531



165.6250, 28.7789, -37.3821



# Rectangle

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



174.6380, 2.6435, 38.9055



172.5680, -18.0280, 42.4749



158.9420, 1.0146, -45.5531



156.4940, 23.9135, -63.5772

# Sweetspot

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



174.6380, 2.6435, 38.9055



240.0170, 0.9776, 13.1401



170.4130, 23.9534, 17.1778



118.1690, 0.4097, 8.6218



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.



174.6380, 2.6435, 38.9055



193.6660, 3.6157, 53.7899



174.2670, -11.4706, 39.2308



102.7450, 0.1257, 6.3626



60.1630, 6.8216, 98.9580



16.0340, 1.9552, 26.2802



# Inverse Universe

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



174.6380, 2.6435, 38.9055



193.6660, 3.6157, 53.7899



195.7330, 11.4706, -39.2308



102.7450, 0.1257, 6.3626



60.1630, 6.8216, 98.9580



16.0340, 1.9552, 26.2802



# Previews

## White Background



This preview shows how the YUV color 174.6380, 2.6435, 38.9055 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

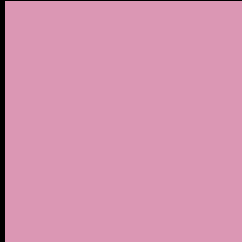
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 174.6380, 2.6435, 38.9055 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

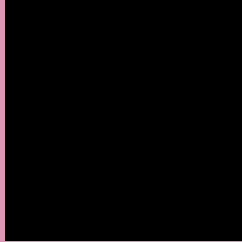
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 174.6380, 2.6435, 38.9055

## Background



This preview shows how black text looks on a background with the YUV color 174.6380, 2.6435, 38.9055.



This preview shows how white text looks on a background with the YUV color 174.6380, 2.6435,



# 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

174.6380, 2.6435, 38.9055

### Protanopia

171.9100, 9.9044, -3.4291

### Deuteranopia

172.9350, 2.0040, 10.5810



## Tritanopia

174.0910, -4.4819, 37.6312

# Trichromacy



## Original Color

174.6380, 2.6435, 38.9055

## Protanomaly

173.0260, 7.3822, 12.2552

## Deuteranomaly

173.7020, 2.1189, 20.4323

## Tritanomaly

174.3730, -2.1559, 38.2609

# Monochromacy



## Original Color

174.6380, 2.6435, 38.9055

## Achromatopsia

175.0000, 0.0000, 0.0000

## Achromatomaly

174.7290, 1.1196, 14.2697

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 174.6380, 2.6435, 38.9055 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, 151, 180)` looks like.

```
.text, #text, p{  
    color:rgb(219, 151, 180)  
}
```

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, 151, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 151, 180) }
```

## Border

The CSS property to change the border of an element to YUV 174.6380, 2.6435, 38.9055 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, 151, 180) }
```



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

```
.border{ border-color:rgb(219, 151, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 151, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 151, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 151, 180);  
box-shadow:4px 4px 4px 4px rgb(219, 151,  
180) }
```

# Background

The CSS property to change the background color of an element to YUV 174.6380, 2.6435, 38.9055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 151, 180) }
```

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

```
.background{ background-color: rgb(219,  
151, 180) }
```

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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