

Converting Colors

YUV(173.8830, 1.0437, 38.6906)

Have a look what the booklet for
YUV(173.8830, 1.0437, 38.6906)
contains.

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Color

**YUV(173.8830, 1.0437,
38.6906)**

Conversions

Conversions Part 1

Format	Color
Hex	DA97B0
RGB	218, 151, 176
RGB Percent	85%, 59%, 69%
CMY	0.1451, 0.4078, 0.3098
CMYK	0.00, 0.31, 0.19, 0.15
HSL	338°, 48%, 72%
HSV	338°, 31%, 85%
XYZ	47.8165, 40.1732, 46.3083
YIQ	173.8830, 31.9070, 21.9790

Conversions

Conversions Part 2

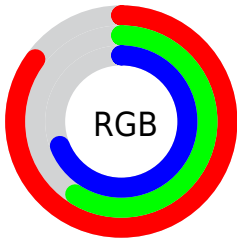
Format	Color
R_{YB}	218, 151, 176
Decimal	14325680
CIE _{Lab}	69.59, 28.73, -2.83
CIE _{LCh}	70, 28.869, 354.371
Yxy	40.1732, 0.3560, 0.2991
Android (android.graphics.Color)	4292515760 (0xFFDA97B0)
YUV	173.8830, 1.0437, 38.6906
Hunter-Lab	63.3824, 23.7437, 1.0493

Details

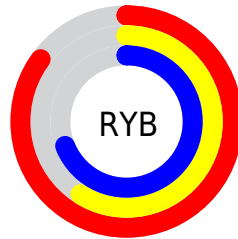
The YUV color **173.8830, 1.0437, 38.6906** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **195.1170, -1.0437, -38.6906**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6150, 4.1338, 27.5246**, and **120.6870, 1.6333, 36.2315** is the 20% darker color. If you saturate the color by 10%, you get **159.3730, 1.2951, 51.4159**, and if you desaturate by 10%, it is **188.3930, 0.7923, 25.9653**.

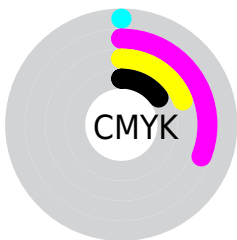
Distribution



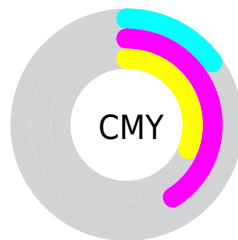
- Red (85%)
- Green (59%)
- Blue (69%)



- Red (85%)
- Yellow (59%)
- Blue (69%)



- Cyan (0%)
- Magenta (31%)
- Yellow (19%)
- Black (15%)




- Cyan (15%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.8830, 1.0437, 38.6906 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 173.8830, 1.0437, 38.6906 by changing the saturation by 10% instead.

 173.8830, 1.0437,
38.6906

 173.8830, 1.0437,
38.6906


255.0000, 0.0000,
0.0000

 147.1710, 0.9017,
37.5610

 223.6150, 4.1338,
27.5246

 120.6870, 1.6333,
36.2315

 242.6730, 6.0772,
10.8108

 95.6760, 1.6387,
34.4871

 71.0780, 1.9335,
33.2576

 46.5940, 2.6652,
31.9281

 22.6370, 4.1230,
31.0134

 12.3450, -3.1281,

23.3764

0.0000, 0.0000,
0.0000

173.8830, 1.0437,
38.6906

173.8830, 1.0437,
38.6906

159.3730, 1.2951,
51.4159

188.3930, 0.7923,
25.9653

144.9770, 1.9833,
64.0412

202.7890, 0.1040,
13.3400

131.0540, 1.9454,
76.2516

216.7120, 0.1420,
1.1296

116.5440, 2.1968,
88.9769

231.2220, -0.1094,
-11.5957

102.1480, 2.8850,
101.6022

242.6830, 0.6493,
-21.6470

■ 87.6380, 3.1365,
114.3275

■ 243.9370, 5.4541,
-22.7467

■ 74.4160, 3.2459,
125.9232

Harmonies

Analogous

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



173.9870, 13.3174, 21.9364



173.8830, 1.0437, 38.6906



173.0010, -11.3395, 43.8491

Triad

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



173.8830, 1.0437, 38.6906



166.2670, -21.8236, -0.2342



159.4180, 25.9229, -54.7406

Complementary

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



173.8830, 1.0437, 38.6906



195.1170, -1.0437, -38.6906

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.



156.0940, 17.2087, -59.7184



173.8830, 1.0437, 38.6906



162.7570, -11.7122, -23.4659

Square

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



173.8830, 1.0437, 38.6906



169.1880, -25.2357, 20.8831



158.6970, 2.6144, -45.3383



166.0170, 27.5996, -32.4639

Rectangle

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



173.8830, 1.0437, 38.6906



171.5570, -18.0226, 40.7305



158.6970, 2.6144, -45.3383



157.2280, 24.0446, -58.9590

Sweetspot

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



173.8830, 1.0437, 38.6906



239.9030, 0.5408, 13.2401



170.8970, 23.2218, 18.5073



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.



173.8830, 1.0437, 38.6906



193.0960, 1.4317, 54.2898



175.7290, -12.1914, 37.0717



102.7450, 0.1257, 6.3626



59.1370, 2.8905, 99.8579



15.6920, 0.6448, 26.5801

Inverse Universe

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



173.8830, 1.0437, 38.6906



193.0960, 1.4317, 54.2898



193.2710, 12.1914, -37.0717



102.7450, 0.1257, 6.3626



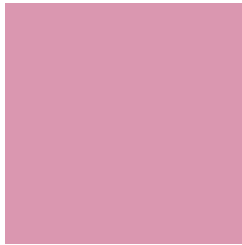
59.1370, 2.8905, 99.8579



15.6920, 0.6448, 26.5801

Previews

White Background



This preview shows how the YUV color 173.8830, 1.0437, 38.6906 looks on a white background.

Color Contrast Check

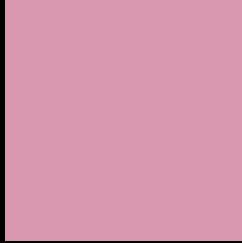
Large Text (above 18pt) WCAG AA × Fail

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 173.8830, 1.0437, 38.6906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

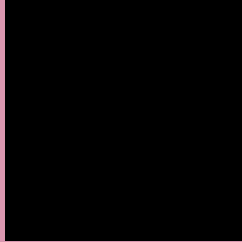
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.8830, 1.0437, 38.6906

Background



This preview shows how black text looks on a background with the YUV color 173.8830, 1.0437, 38.6906.



This preview shows how white text looks on a background with the YUV color 173.8830, 1.0437,

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

173.8830, 1.0437, 38.6906

Protanopia

170.7530, 8.0098, -2.4144

Deuteranopia

171.8920, 0.5462, 11.4957



Tritanopia

173.5040, -4.1925, 38.1460

Trichromacy



Original Color

173.8830, 1.0437, 38.6906

Protanomaly

171.5700, 5.6350, 12.6551

Deuteranomaly

172.6590, 0.6611, 21.3471

Tritanomaly

173.3730, -2.1559, 38.2609

Monochromacy



Original Color

173.8830, 1.0437, 38.6906

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.2020, 0.3934, 13.8548

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8830, 1.0437, 38.6906 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, 151, 176)` looks like.

```
.text, #text, p{  
    color:rgb(218, 151, 176)  
}
```

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, 151, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 151, 176) }
```

Border

The CSS property to change the border of an element to YUV 173.8830, 1.0437, 38.6906 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, 151, 176) }
```


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

```
.border{ border-color:rgb(218, 151, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 151, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 151, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 151, 176);  
box-shadow:4px 4px 4px 4px rgb(218, 151,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 173.8830, 1.0437, 38.6906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 151, 176) }
```

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

```
.background{ background-color: rgb(218,  
151, 176) }
```

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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