

Converting Colors

YUV(171.6550, 0.1701, 38.8906)

Have a look what the booklet for
YUV(171.6550, 0.1701, 38.8906)
contains.

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Color

**YUV(171.6550, 0.1701,
38.8906)**

Conversions

Conversions Part 1

Format	Color
Hex	D895AC
RGB	216, 149, 172
RGB Percent	85%, 58%, 67%
CMY	0.1529, 0.4157, 0.3255
CMYK	0.00, 0.31, 0.20, 0.15
HSL	339°, 46%, 72%
HSV	339°, 31%, 85%
XYZ	46.5127, 39.0724, 44.1200
YIQ	171.6550, 32.5490, 21.3570

Conversions

Conversions Part 2

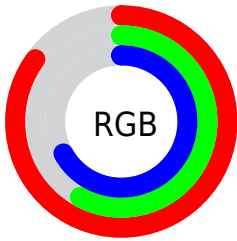
Format	Color
R _Y B	216, 149, 172
Decimal	14194092
CIE Lab	68.80, 28.48, -1.78
CIE LCh	69, 28.539, 356.415
Yxy	39.0724, 0.3586, 0.3012
Android (android.graphics.Color)	4292384172 (0xFFD895AC)
YUV	171.6550, 0.1701, 38.8906
Hunter-Lab	62.5079, 23.4348, 1.9069

Details

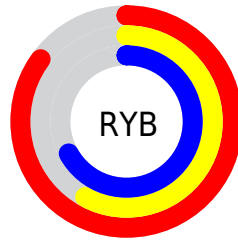
The YUV color **171.6550, 0.1701, 38.8906** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **193.3450, -0.1701, -38.8906**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8710, 2.5286, 29.0541**, and **118.4590, 0.7597, 36.4315** is the 20% darker color. If you saturate the color by 10%, you get **157.1450, 0.4215, 51.6158**, and if you desaturate by 10%, it is **186.1650, -0.0813, 26.1653**.

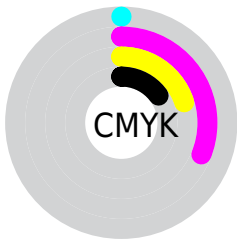
Distribution



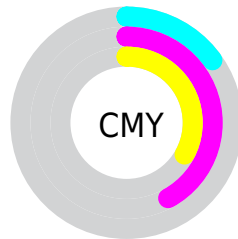
- Red (85%)
- Green (58%)
- Blue (67%)



- Red (85%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (31%)
- Yellow (20%)
- Black (15%)



- Cyan (15%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.6550, 0.1701, 38.8906 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 171.6550, 0.1701, 38.8906 by changing the saturation by 10% instead.

 171.6550, 0.1701,
38.8906


 171.6550, 0.1701,
38.8906


255.0000, 0.0000,
0.0000

 144.9430, 0.0281,
37.7610

 221.8710, 2.5286,
29.0541


 118.4590, 0.7597,
36.4315

 241.4990, 6.6560,
11.8404

 93.4480, 0.7651,
34.6871

 68.8500, 1.0600,
33.4576

 45.0670, 1.9390,
31.5132

 21.1100, 3.3968,
30.5985

 11.1770, -5.0173,

22.6468

■ 0.0000, 0.0000,
0.0000

■ 171.6550, 0.1701,
38.8906

■ 171.6550, 0.1701,
38.8906

■ 157.1450, 0.4215,
51.6158

■ 186.1650, -0.0813,
26.1653

■ 143.2220, 0.3836,
63.8263

■ 200.0880, -0.0434,
13.9548

■ 128.5980, 0.1982,
76.6516

■ 214.7120, 0.1420,
1.1296

■ 114.6750, 0.1602,
88.8620

■ 228.6350, 0.1799,
-11.0809

■ 100.1650, 0.4117,
101.5873

■ 241.9710, 0.5073,
-22.7766

■ 85.6550, 0.6631,
114.3126

■ 243.3390, 5.7489,
-23.9763

■ 73.0200, 0.4831,
125.3935

Harmonies

Analogous

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



172.0580, 12.2964, 22.7511



171.6550, 0.1701, 38.8906



170.1750, -11.9183, 42.8195

Triad

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



171.6550, 0.1701, 38.8906



163.7830, -21.0920, -1.5637



157.4290, 25.9175, -52.9962

Complementary

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



171.6550, 0.1701, 38.8906



193.3450, -0.1701, -38.8906

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.



154.5070, 17.4980, -59.2036



171.6550, 0.1701, 38.8906



160.3870, -10.5438, -24.8954

Square

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



171.6550, 0.1701, 38.8906



166.5900, -24.9409, 19.6536



156.6260, 3.6354, -46.1530



164.2130, 27.0100, -30.0048

Rectangle

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



171.6550, 0.1701, 38.8906



169.4320, -18.4540, 39.0861



156.6260, 3.6354, -46.1530



155.8260, 23.7498, -57.7294

Sweetspot

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



171.6550, 0.1701, 38.8906



239.7890, 0.1040, 13.3400



169.7940, 22.7796, 20.3517



118.0550, -0.0271, 8.7218



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.



171.6550, 0.1701, 38.8906



192.7540, 0.1213, 54.5897



174.9030, -12.7702, 36.0421



99.7450, 0.1257, 6.3626



57.8550, 0.5645, 99.2282



14.5670, 0.2135, 24.9357

Inverse Universe

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



171.6550, 0.1701, 38.8906



192.7540, 0.1213, 54.5897



190.0970, 12.7702, -36.0421



99.7450, 0.1257, 6.3626



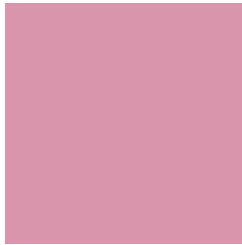
57.8550, 0.5645, 99.2282



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 171.6550, 0.1701, 38.8906 looks on a white background.

Color Contrast Check

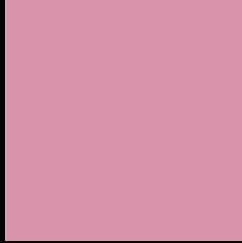
Large Text (above 18pt) WCAG AA × Fail

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 171.6550, 0.1701, 38.8906 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 171.6550, 0.1701, 38.8906

Background



This preview shows how black text looks on a background with the YUV color 171.6550, 0.1701, 38.8906.



This preview shows how white text looks on a background with the YUV color 171.6550, 0.1701,

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

171.6550, 0.1701, 38.8906

Protanopia

168.8240, 6.9888, -1.5996

Deuteranopia

169.9630, -0.4748, 12.3104



Tritanopia

171.3900, -4.6293, 38.2460

Trichromacy



Original Color

171.6550, 0.1701, 38.8906

Protanomaly

169.6410, 4.6140, 13.4698

Deuteranomaly

170.7300, -0.3599, 22.1618

Tritanomaly

171.2590, -2.5927, 38.3609

Monochromacy



Original Color

171.6550, 0.1701, 38.8906

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0880, -0.0434, 13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6550, 0.1701, 38.8906 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(216, 149, 172)` looks like.

```
.text, #text, p{  
    color:rgb(216, 149, 172)  
}
```

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(216, 149, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 149, 172) }
```

Border

The CSS property to change the border of an element to YUV 171.6550, 0.1701, 38.8906 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(216, 149, 172) }
```


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

```
.border{ border-color:rgb(216, 149, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 149, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 149, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 149, 172);  
box-shadow:4px 4px 4px 4px rgb(216, 149,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 171.6550, 0.1701, 38.8906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 149, 172) }
```

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

```
.background{ background-color: rgb(216,  
149, 172) }
```

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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