

Converting Colors

YUV(168.1930, 0.8909, 41.0497)

Have a look what the booklet for
YUV(168.1930, 0.8909, 41.0497)
contains.

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Color

**YUV(168.1930, 0.8909,
41.0497)**

Conversions

Conversions Part 1

Format	Color
Hex	D790AA
RGB	215, 144, 170
RGB Percent	84%, 56%, 67%
CMY	0.1569, 0.4353, 0.3333
CMYK	0.00, 0.33, 0.21, 0.16
HSL	338°, 47%, 70%
HSV	338°, 33%, 84%
XYZ	45.2533, 37.2959, 42.8439
YIQ	168.1930, 33.9700, 23.1380

Conversions

Conversions Part 2

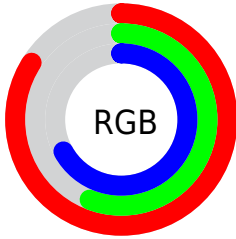
Format	Color
R _Y B	215, 144, 170
Decimal	14127274
CIE Lab	67.50, 30.52, -2.59
CIE LCh	67, 30.631, 355.142
Yxy	37.2959, 0.3609, 0.2974
Android (android.graphics.Color)	4292317354 (0xFFD790AA)
YUV	168.1930, 0.8909, 41.0497
Hunter-Lab	61.0703, 25.3959, 1.1543

Details

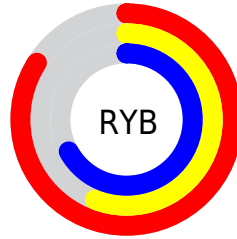
The YUV color **168.1930, 0.8909, 41.0497** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **190.8070, -0.8909, -41.0497**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.7080, 3.1020, 31.8281**, and **114.9970, 1.4805, 38.5906** is the 20% darker color. If you saturate the color by 10%, you get **153.6830, 1.1423, 53.7750**, and if you desaturate by 10%, it is **182.7030, 0.6394, 28.3245**.

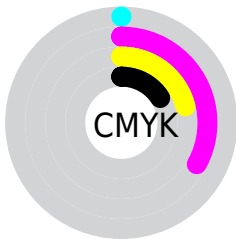
Distribution



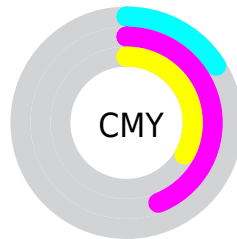
- Red (84%)
- Green (56%)
- Blue (67%)



- Red (84%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (33%)
- Yellow (21%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.1930, 0.8909, 41.0497 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 168.1930, 0.8909, 41.0497 by changing the saturation by 10% instead.


 168.1930, 0.8909,
41.0497

 168.1930, 0.8909,
41.0497


255.0000, 0.0000,
0.0000


 141.5950, 1.1857,
39.8202


 218.7080, 3.1020,
31.8281

 114.9970, 1.4805,
38.5906

 238.4500, 7.6662,
14.5144

 89.9860, 1.4859,
36.8463

 65.2030, 2.3649,
34.9020

 41.0180, 2.9491,
34.1872

 19.5230, 3.6862,
31.1133

 10.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,
0.0000

■ 168.1930, 0.8909,
41.0497

■ 168.1930, 0.8909,
41.0497

■ 153.6830, 1.1423,
53.7750

■ 182.7030, 0.6394,
28.3245

■ 139.8740, 1.5411,
65.8855

■ 196.5120, 0.2406,
16.2140

■ 125.3640, 1.7925,
78.6108

■ 211.0220, -0.0108,
3.4887

■ 111.4410, 1.7546,
90.8212

■ 224.9450, 0.0271,
-8.7218

■ 97.6320, 2.1534,
102.9317

■ 239.3410, -0.6611,
-21.3471

■ 83.1220, 2.4049,
115.6570

■ 242.6980, 4.5859,
-24.2911

■ 73.2910, 2.8145,
124.2788

■ 243.0400, 5.8963,
-24.5911

Harmonies

Analogous

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



168.6990, 13.4594, 23.0660



168.1930, 0.8909, 41.0497



166.7840, -12.2185, 45.7934

Triad

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



168.1930, 0.8909, 41.0497



160.3270, -22.8392, -1.1638



151.6670, 28.2652, -59.3440

Complementary

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



168.1930, 0.8909, 41.0497



190.8070, -0.8909, -41.0497

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.



148.2180, 19.1195, -65.9662



168.1930, 0.8909, 41.0497



156.3330, -11.9962, -25.7250

Square

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



168.1930, 0.8909, 41.0497



163.1450, -26.6935, 21.7978



151.6040, 3.6462, -49.6417



159.7610, 29.2048, -33.9934

Rectangle

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



168.1930, 0.8909, 41.0497



165.8130, -19.6278, 42.2600



151.6040, 3.6462, -49.6417



149.7650, 26.2449, -64.6919

Sweetspot

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



168.1930, 0.8909, 41.0497



238.5010, 0.2460, 14.4696



165.5490, 24.3793, 20.5665



117.4680, 0.2623, 9.2366



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.



168.1930, 0.8909, 41.0497



187.7160, 1.1260, 59.0081



170.5120, -13.0704, 39.0160



99.7450, 0.1257, 6.3626



58.3110, 2.3117, 98.8283



14.6810, 0.6503, 24.8358

Inverse Universe

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



168.1930, 0.8909, 41.0497



187.7160, 1.1260, 59.0081



188.4880, 13.0704, -39.0160



99.7450, 0.1257, 6.3626



58.3110, 2.3117, 98.8283



14.6810, 0.6503, 24.8358

Previews

White Background



This preview shows how the YUV color 168.1930, 0.8909, 41.0497 looks on a white background.

Color Contrast Check

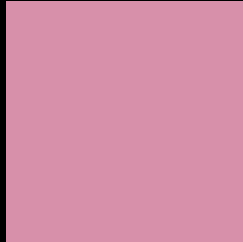
Large Text (above 18pt) WCAG AA × Fail

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 168.1930, 0.8909, 41.0497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

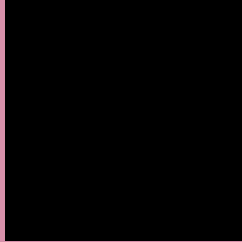
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.1930, 0.8909, 41.0497

Background



This preview shows how black text looks on a background with the YUV color 168.1930, 0.8909, 41.0497.



This preview shows how white text looks on a background with the YUV color 168.1930, 0.8909,

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

168.1930, 0.8909, 41.0497

Protanopia

165.7530, 8.0098, -2.4144

Deuteranopia

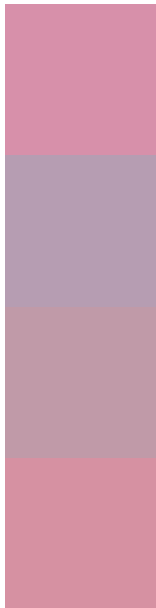
166.4790, 0.2569, 10.9809



Tritanopia

167.5860, -5.2189, 40.7051

Trichromacy



Original Color

168.1930, 0.8909, 41.0497

Protanomaly

166.8690, 5.4876, 13.2699

Deuteranomaly

166.9580, 0.5137, 21.9618

Tritanomaly

167.5690, -2.7455, 40.7200

Monochromacy



Original Color

168.1930, 0.8909, 41.0497

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9140, 0.5354, 14.9844

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.1930, 0.8909, 41.0497 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(215, 144, 170)` looks like.

```
.text, #text, p{  
    color:rgb(215, 144, 170)  
}
```

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(215, 144, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 144, 170) }
```

Border

The CSS property to change the border of an element to YUV 168.1930, 0.8909, 41.0497 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(215, 144, 170) }
```


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

```
.border{ border-color:rgb(215, 144, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 144, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 144, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 144, 170);  
box-shadow:4px 4px 4px 4px rgb(215, 144,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 168.1930, 0.8909, 41.0497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 144, 170) }
```

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

```
.background{ background-color: rgb(215,  
144, 170) }
```

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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