

Converting Colors

YUV(169.0940, 4.3907, 38.5056)

Have a look what the booklet for
YUV(169.0940, 4.3907, 38.5056)
contains.

YUV(169.0940, 4.3907, 38.5056)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(169.0940, 4.3907,
38.5056)**

Conversions

Conversions Part 1

Format	Color
Hex	D591B2
RGB	213, 145, 178
RGB Percent	84%, 57%, 70%
CMY	0.1647, 0.4314, 0.3020
CMYK	0.00, 0.32, 0.16, 0.16
HSL	331°, 45%, 70%
HSV	331°, 32%, 84%
XYZ	45.6019, 37.6113, 46.9757
YIQ	169.0940, 29.9350, 24.6790

Conversions

Conversions Part 2

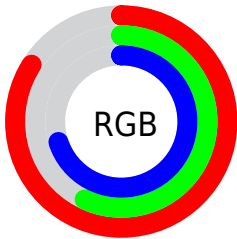
Format	Color
R _Y B	213, 145, 178
Decimal	13996466
CIE Lab	67.73, 30.51, -6.76
CIE LCh	68, 31.248, 347.512
Yxy	37.6113, 0.3503, 0.2889
Android (android.graphics.Color)	4292186546 (0xFFD591B2)
YUV	169.0940, 4.3907, 38.5056
Hunter-Lab	61.3280, 25.4036, -2.4850

Details

The YUV color **169.0940, 4.3907, 38.5056** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **188.9060, -4.3907, -38.5056**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3210, 6.7437, 30.4135**, and **115.7840, 4.5435, 36.1464** is the 20% darker color. If you saturate the color by 10%, you get **155.5130, 5.6631, 50.4161**, and if you desaturate by 10%, it is **182.6750, 3.1182, 26.5950**.

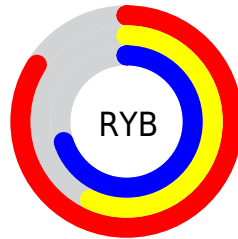
Distribution



Red (84%)

Green (57%)

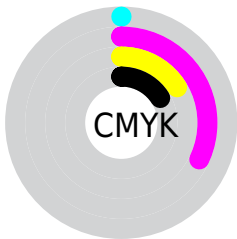
Blue (70%)



Red (84%)

Yellow (57%)

Blue (70%)

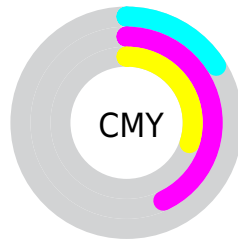


Cyan (0%)

Magenta (32%)

Yellow (16%)

Black (16%)



Cyan (16%)

Magenta (43%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.0940, 4.3907, 38.5056 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 169.0940, 4.3907, 38.5056 by changing the saturation by 10% instead.


 169.0940, 4.3907,
38.5056


 169.0940, 4.3907,
38.5056


255.0000, 0.0000,
0.0000

 142.3820, 4.2487,
37.3760


 220.3210, 6.7437,
30.4135


 115.7840, 4.5435,
36.1464

 239.1510, 7.8136,
13.8996

 90.7730, 4.5489,
34.4021

 66.2890, 5.2805,
33.0725

 42.1040, 5.8647,
32.3578

 19.9080, 6.4544,
29.8987

 10.7790, -1.3700,

19.4878

■ 0.0000, 0.0000,
0.0000

■ 169.0940, 4.3907,
38.5056

■ 169.0940, 4.3907,
38.5056

■ 155.5130, 5.6631,
50.4161

■ 182.6750, 3.1182,
26.5950

■ 141.3450, 7.2249,
62.8414

■ 196.8430, 1.5564,
14.1697

■ 127.7640, 8.4973,
74.7520

■ 210.4240, 0.2840,
2.2592

■ 114.1830, 9.7698,
86.6625

■ 224.0050, -0.9885,
-9.6514

■ 100.0150, 11.3316,
99.0878

■ 237.5860, -2.2609,
-21.5619

■ 86.4340, 12.6040,
110.9984

■ 241.1880, 1.3863,
-24.7209

■ 75.4290, 13.5925,
120.6498

■ 242.4420, 6.1911,
-25.8206

Harmonies

Analogous

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



168.8770, 16.8226, 17.6479



169.0940, 4.3907, 38.5056



167.5930, -9.1663, 46.8379

Triad

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



169.0940, 4.3907, 38.5056



161.5020, -24.8975, 5.6987



150.3950, 27.4133, -66.1214

Complementary

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



169.0940, 4.3907, 38.5056



188.9060, -4.3907, -38.5056

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.



148.7190, 15.9145, -64.6516



169.0940, 4.3907, 38.5056



158.3400, -15.9436, -19.5922

Square

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



169.0940, 4.3907, 38.5056



164.1780, -26.7098, 27.0309



153.4860, -0.7326, -45.1532



157.9340, 30.1055, -42.9151

Rectangle

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



169.0940, 4.3907, 38.5056



166.5190, -17.0179, 45.1488



153.4860, -0.7326, -45.1532



148.5750, 24.3665, -68.9103

Sweetspot

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



169.0940, 4.3907, 38.5056



238.8430, 1.5564, 14.1697



162.9180, 24.6904, 14.1039



117.6960, 1.1359, 9.0366



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.



169.0940, 4.3907, 38.5056



192.3610, 6.2310, 54.9344



165.3320, -10.0237, 41.8048



99.9730, 0.9993, 6.1627



60.5910, 11.0476, 96.8287



15.2510, 2.8343, 24.3359

Inverse Universe

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



169.0940, 4.3907, 38.5056



192.3610, 6.2310, 54.9344



192.6680, 10.0237, -41.8048



99.9730, 0.9993, 6.1627



60.5910, 11.0476, 96.8287



15.2510, 2.8343, 24.3359

Previews

White Background



This preview shows how the YUV color 169.0940, 4.3907, 38.5056 looks on a white background.

Color Contrast Check

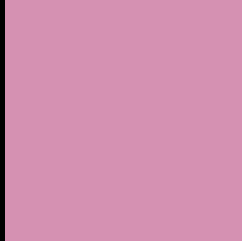
Large Text (above 18pt) WCAG AA × Fail

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 169.0940, 4.3907, 38.5056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

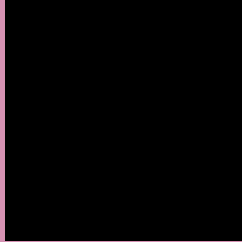
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.0940, 4.3907, 38.5056

Background



This preview shows how black text looks on a background with the YUV color 169.0940, 4.3907, 38.5056.



This preview shows how white text looks on a background with the YUV color 169.0940, 4.3907,

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

169.0940, 4.3907, 38.5056

Protanopia

166.0670, 11.7990, -4.4438

Deuteranopia

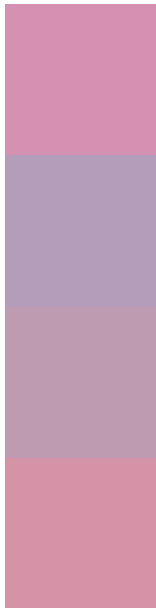
167.3800, 3.7567, 8.4367



Tritanopia

168.2050, -4.0451, 37.5312

Trichromacy



Original Color

169.0940, 4.3907, 38.5056

Protanomaly

167.1830, 9.2768, 11.2405

Deuteranomaly

167.8590, 4.0135, 19.4177

Tritanomaly

168.7150, -0.8455, 37.9609

Monochromacy



Original Color

169.0940, 4.3907, 38.5056

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.8430, 1.5564, 14.1697

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.0940, 4.3907, 38.5056 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(213, 145, 178)` looks like.

```
.text, #text, p{  
    color:rgb(213, 145, 178)  
}
```

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(213, 145, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 145, 178) }
```

Border

The CSS property to change the border of an element to YUV 169.0940, 4.3907, 38.5056 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(213, 145, 178) }
```


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

```
.border{ border-color:rgb(213, 145, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 145, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 145, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 145, 178);  
box-shadow:4px 4px 4px 4px rgb(213, 145,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 169.0940, 4.3907, 38.5056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 145, 178) }
```

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

```
.background{ background-color: rgb(213,  
145, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor