

Converting Colors

YUV(169.1000, 5.3737, 49.9013)

Have a look what the booklet for
YUV(169.1000, 5.3737, 49.9013)
contains.

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Color

**YUV(169.1000, 5.3737,
49.9013)**

Conversions

Conversions Part 1

Format	Color
Hex	E28AB4
RGB	226, 138, 180
RGB Percent	89%, 54%, 71%
CMY	0.1137, 0.4588, 0.2941
CMYK	0.00, 0.39, 0.20, 0.11
HSL	331°, 60%, 71%
HSV	331°, 39%, 89%
XYZ	48.6907, 37.6410, 47.8792
YIQ	169.1000, 38.9660, 31.7180

Conversions

Conversions Part 2

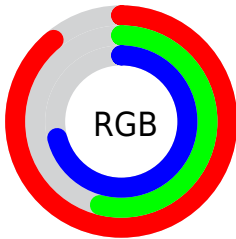
Format	Color
R _{YB}	226, 138, 180
Decimal	14846644
CIE Lab	67.76, 39.06, -7.68
CIE LCh	68, 39.807, 348.874
Yxy	37.6410, 0.3628, 0.2805
Android (android.graphics.Color)	4293036724 (0xFFE28AB4)
YUV	169.1000, 5.3737, 49.9013
Hunter-Lab	61.3523, 34.2957, -3.3232

Details

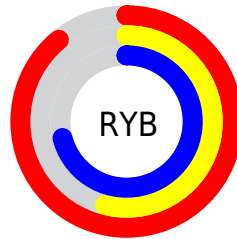
The YUV color **169.1000, 5.3737, 49.9013** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **194.9000, -5.3737, -49.9013**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.4400, 9.6431, 33.8171**, and **115.4910, 5.6739, 46.9274** is the 20% darker color. If you saturate the color by 10%, you get **154.2310, 6.7881, 62.9414**, and if you desaturate by 10%, it is **183.9690, 3.9593, 36.8612**.

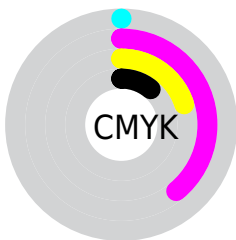
Distribution



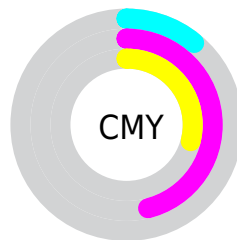
- Red (89%)
- Green (54%)
- Blue (71%)



- Red (89%)
- Yellow (54%)
- Blue (71%)



- Cyan (0%)
- Magenta (39%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (46%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 169.1000, 5.3737, 49.9013 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 169.1000, 5.3737, 49.9013 by changing the saturation by 10% instead.


 169.1000, 5.3737,
49.9013

 169.1000, 5.3737,
49.9013

255.0000, 0.0000,
0.0000


 142.0890, 5.3791,
48.1569


 216.4400, 9.6431,
33.8171


 115.4910, 5.6739,
46.9274


 235.0420, 9.8393,
17.5032

 89.5940, 6.1162,
45.0831

 252.0650, 1.4470,
2.5740

 63.5230, 7.1372,
44.2683

 35.5170, 9.6051,
46.0276

 22.4140, 5.7119,
34.7169

 13.5130, -1.2389,

24.1061

■ 0.0000, 0.0000,
0.0000

■ 169.1000, 5.3737,
49.9013

■ 169.1000, 5.3737,
49.9013

■ 154.2310, 6.7881,
62.9414

■ 183.9690, 3.9593,
36.8612

■ 139.9490, 7.9131,
75.4667

■ 198.2510, 2.8343,
24.3359

■ 125.1940, 9.7644,
88.4069

■ 213.0060, 0.9830,
11.3957

■ 110.9120, 10.8894,
100.9322

■ 227.2880, -0.1420,
-1.1296

■ 96.0430, 12.3038,
113.9723

■ 242.1570, -1.5564,
-14.1697

■ 81.1740, 13.7182,
127.0124

■ 245.8730, 2.5276,
-17.4286

■ 79.8860, 13.8602,
128.1420

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



169.4740, 21.4583, 24.1403



169.1000, 5.3737, 49.9013



167.1000, -11.3883, 59.5483

Triad

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



169.1000, 5.3737, 49.9013



160.0690, -31.5860, 4.3245



131.0990, 42.8422, -114.9738

Complementary

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



169.1000, 5.3737, 49.9013



194.9000, -5.3737, -49.9013

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.



129.3260, 28.4333, -113.4189



169.1000, 5.3737, 49.9013



155.4870, -18.9741, -27.6141

Square

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



169.1000, 5.3737, 49.9013



163.2620, -34.1462, 32.2192



146.9460, 1.5056, -63.0966



153.4570, 40.2007, -60.9138

Rectangle

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



169.1000, 5.3737, 49.9013



166.0320, -21.7078, 56.0999



146.9460, 1.5056, -63.0966



130.6600, 38.6216, -114.5888

Sweetspot

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



169.1000, 5.3737, 49.9013



234.9790, 1.9824, 17.5584



161.4870, 31.8049, 18.8669



116.2940, 0.8411, 10.2662



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.



169.1000, 5.3737, 49.9013



177.3780, 7.2086, 68.0745



164.8990, -13.2612, 53.5856



104.8590, 0.5625, 6.2627



62.2000, 10.7474, 99.8026



16.9740, 2.9708, 27.2098

Inverse Universe

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



169.1000, 5.3737, 49.9013



177.3780, 7.2086, 68.0745



199.1010, 13.2612, -53.5856



104.8590, 0.5625, 6.2627



62.2000, 10.7474, 99.8026



16.9740, 2.9708, 27.2098

Previews

White Background



This preview shows how the YUV color 169.1000, 5.3737, 49.9013 looks on a white background.

Color Contrast Check

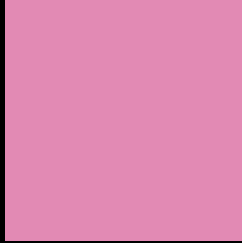
Large Text (above 18pt) WCAG AA × Fail

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 169.1000, 5.3737, 49.9013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

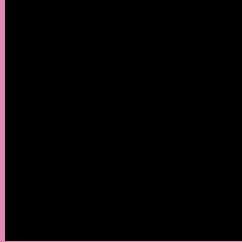
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.1000, 5.3737, 49.9013

Background



This preview shows how black text looks on a background with the YUV color 169.1000, 5.3737, 49.9013.



This preview shows how white text looks on a background with the YUV color 169.1000, 5.3737,

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

169.1000, 5.3737, 49.9013

Protanopia

166.2670, 15.1514, -6.3732

Deuteranopia

167.4940, 4.1935, 8.3368



Tritanopia

168.1740, -6.9878, 48.0824

Trichromacy



Original Color

169.1000, 5.3737, 49.9013



Protanomaly

167.4760, 11.5973, 13.6145



Deuteranomaly

168.2940, 4.2921, 23.4212



Tritanomaly

168.3250, -2.6252, 48.8270

Monochromacy



Original Color

169.1000, 5.3737, 49.9013



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.2780, 1.8349, 18.1732

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.1000, 5.3737, 49.9013 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(226, 138, 180)` looks like.

```
.text, #text, p{  
    color:rgb(226, 138, 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(226, 138, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 138, 180) }
```

Border

The CSS property to change the border of an element to YUV 169.1000, 5.3737, 49.9013 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(226, 138, 180) }
```


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

```
.border{ border-color:rgb(226, 138, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 138, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 138, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 138, 180);  
box-shadow:4px 4px 4px 4px rgb(226, 138,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 169.1000, 5.3737, 49.9013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 138, 180) }
```

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

```
.background{ background-color: rgb(226,  
138, 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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