

Converting Colors

YUV(169.5300, 3.1897, 50.4012)

Have a look what the booklet for
YUV(169.5300, 3.1897, 50.4012)
contains.

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Color

**YUV(169.5300, 3.1897,
50.4012)**

Conversions

Conversions Part 1

Format	Color
Hex	E38BB0
RGB	227, 139, 176
RGB Percent	89%, 55%, 69%
CMY	0.1098, 0.4549, 0.3098
CMYK	0.00, 0.39, 0.22, 0.11
HSL	335°, 61%, 72%
HSV	335°, 39%, 89%
XYZ	48.7476, 37.9307, 45.8264
YIQ	169.5300, 40.5710, 30.1630

Conversions

Conversions Part 2

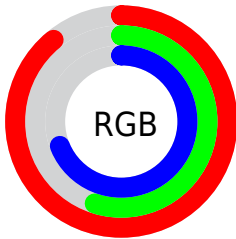
Format	Color
R _Y B	227, 139, 176
Decimal	14912432
CIE Lab	67.97, 38.29, -5.11
CIE LCh	68, 38.630, 352.404
Yxy	37.9307, 0.3679, 0.2863
Android (android.graphics.Color)	4293102512 (0xFFE38BB0)
YUV	169.5300, 3.1897, 50.4012
Hunter-Lab	61.5879, 33.5062, -1.0050

Details

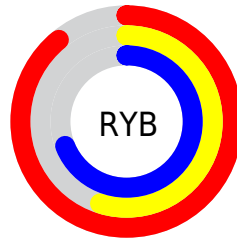
The YUV color $169.5300, 3.1897, 50.4012$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $196.4700, -3.1897, -50.4012$, and the grayscale version is $169.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $216.5710, 7.6065, 33.7022$, and $116.0350, 3.9267, 47.3273$ is the 20% darker color. If you saturate the color by 10%, you get $154.5470, 4.1673, 63.5413$, and if you desaturate by 10%, it is $184.5130, 2.2121, 37.2611$.

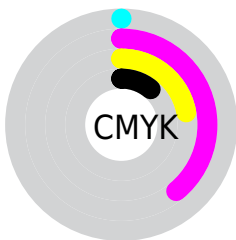
Distribution



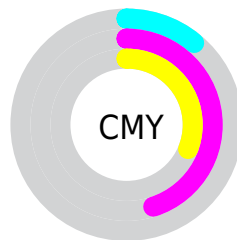
- Red (89%)
- Green (55%)
- Blue (69%)



- Red (89%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (39%)
- Yellow (22%)
- Black (11%)





- Cyan (11%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.5300, 3.1897, 50.4012 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 169.5300, 3.1897, 50.4012 by changing the saturation by 10% instead.

 169.5300, 3.1897,
50.4012

 169.5300, 3.1897,
50.4012


255.0000, 0.0000,
0.0000


 142.5190, 3.1951,
48.6568


 216.5710, 7.6065,
33.7022


 116.0350, 3.9267,
47.3273


 235.6290, 9.5499,
16.9884

 90.1380, 4.3690,
45.4830

 252.6520, 1.1576,
2.0592

 64.0670, 5.3900,
44.6682

 36.6480, 7.5685,
45.9127

 22.3710, 4.2541,
35.6316

 13.1280, -4.0071,

25.3207

■ 0.0000, 0.0000,
0.0000

■ 169.5300, 3.1897,
50.4012

■ 169.5300, 3.1897,
50.4012

■ 154.5470, 4.1673,
63.5413

■ 184.5130, 2.2121,
37.2611

■ 140.1510, 4.8556,
76.1666

■ 198.9090, 1.5239,
24.6358

■ 125.1680, 5.8332,
89.3067

■ 213.8920, 0.5462,
11.4957

■ 110.0710, 6.3740,
102.5467

■ 228.9890, 0.0054,
-1.7444

■ 95.6750, 7.0622,
115.1720

■ 243.3850, -0.6828,
-14.3696

■ 80.6920, 8.0398,
128.3121

■ 246.6280, 4.1274,
-17.2138

■ 78.7030, 8.0344,
130.0565

Harmonies

Analogous

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



170.2140, 19.1215, 26.9993



169.5300, 3.1897, 50.4012



167.9210, -13.2721, 57.0743

Triad

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



169.5300, 3.1897, 50.4012



160.8020, -29.9754, 1.0506



135.8230, 41.4993, -104.2078

Complementary

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



169.5300, 3.1897, 50.4012



196.4700, -3.1897, -50.4012

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.



129.7820, 30.1805, -113.8188



169.5300, 3.1897, 50.4012



155.1600, -16.3479, -29.9583

Square

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



169.5300, 3.1897, 50.4012



164.0550, -33.5511, 28.0158



147.5050, 3.6950, -65.3409



156.6430, 38.1370, -52.3069

Rectangle

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



169.5300, 3.1897, 50.4012



166.6680, -23.0073, 52.9112



147.5050, 3.6950, -65.3409



131.0020, 39.9320, -114.8888

Sweetspot

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



169.5300, 3.1897, 50.4012



234.7510, 1.1088, 17.7584



163.9820, 31.0679, 21.9408



116.1800, 0.4043, 10.3661



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.



169.5300, 3.1897, 50.4012



176.6940, 4.5879, 68.6744



168.8340, -14.7082, 51.0116



107.1580, 0.4151, 6.8774



62.0710, 6.3740, 102.5467



17.6430, 1.6550, 29.2541

Inverse Universe

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



169.5300, 3.1897, 50.4012



176.6940, 4.5879, 68.6744



197.1660, 14.7082, -51.0116



107.1580, 0.4151, 6.8774



62.0710, 6.3740, 102.5467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 169.5300, 3.1897, 50.4012 looks on a white background.

Color Contrast Check

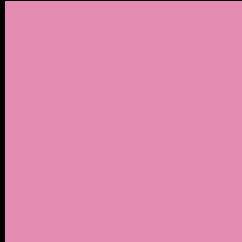
Large Text (above 18pt) WCAG AA × Fail

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 169.5300, 3.1897, 50.4012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

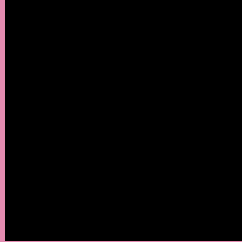
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.5300, 3.1897, 50.4012

Background



This preview shows how black text looks on a background with the YUV color 169.5300, 3.1897, 50.4012.



This preview shows how white text looks on a background with the YUV color 169.5300, 3.1897,

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

169.5300, 3.1897, 50.4012

Protanopia

166.8820, 12.3832, -5.1585

Deuteranopia

167.6360, 2.1515, 9.9662



Tritanopia

168.7720, -7.2826, 49.3120

Trichromacy



Original Color

169.5300, 3.1897, 50.4012



Protanomaly

168.0910, 8.8291, 14.8292



Deuteranomaly

168.1370, 2.3975, 24.4359



Tritanomaly

169.3960, -3.6462, 49.6417

Monochromacy



Original Color

169.5300, 3.1897, 50.4012



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.0500, 0.9613, 18.3731

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.5300, 3.1897, 50.4012 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(227, 139, 176)` looks like.

```
.text, #text, p{  
    color:rgb(227, 139, 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(227, 139, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 139, 176) }
```

Border

The CSS property to change the border of an element to YUV 169.5300, 3.1897, 50.4012 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(227, 139, 176) }
```


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

```
.border{ border-color:rgb(227, 139, 176) }
```

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

Here you see how a box with a 4 pixel rgb(227, 139, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 139, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 139, 176);  
box-shadow:4px 4px 4px 4px rgb(227, 139,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 169.5300, 3.1897, 50.4012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 139, 176) }
```

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

```
.background{ background-color: rgb(227,  
139, 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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