

Converting Colors

YUV(168.5580, 0.7109, 52.1306)

Have a look what the booklet for
YUV(168.5580, 0.7109, 52.1306)
contains.

YUV(168.5580, 0.7109, 52.1306)	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(168.5580, 0.7109,
52.1306)**

Conversions

Conversions Part 1

Format	Color
Hex	E48AAA
RGB	228, 138, 170
RGB Percent	89%, 54%, 67%
CMY	0.1059, 0.4588, 0.3333
CMYK	0.00, 0.39, 0.25, 0.11
HSL	339°, 62%, 72%
HSV	339°, 39%, 89%
XYZ	48.3391, 37.5732, 42.7348
YIQ	168.5580, 43.3680, 29.0320

Conversions

Conversions Part 2

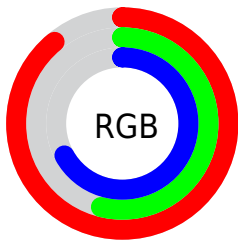
Format	Color
R _Y B	228, 138, 170
Decimal	14977706
CIE Lab	67.70, 38.31, -2.11
CIE LCh	68, 38.369, 356.842
Yxy	37.5732, 0.3757, 0.2921
Android (android.graphics.Color)	4293167786 (0xFFE48AAA)
YUV	168.5580, 0.7109, 52.1306
Hunter-Lab	61.2970, 33.4962, 1.5723

Details

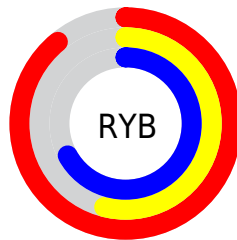
The YUV color **168.5580, 0.7109, 52.1306** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **197.4420, -0.7109, -52.1306**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.1860, 4.8383, 34.9169**, and **115.0630, 1.4479, 49.0567** is the 20% darker color. If you saturate the color by 10%, you get **153.3470, 0.8149, 65.4707**, and if you desaturate by 10%, it is **183.7690, 0.6069, 38.7906**.

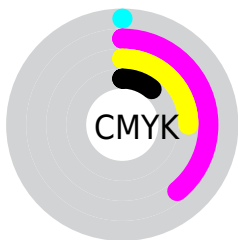
Distribution



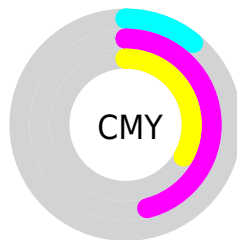
- Red (89%)
- Green (54%)
- Blue (67%)



- Red (89%)
- Yellow (54%)
- Blue (67%)



- Cyan (0%)
- Magenta (39%)
- Yellow (25%)
- Black (11%)



- Cyan (11%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.5580, 0.7109, 52.1306 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 168.5580, 0.7109, 52.1306 by changing the saturation by 10% instead.


 168.5580, 0.7109,
52.1306


 168.5580, 0.7109,
52.1306


255.0000, 0.0000,
0.0000


 141.6610, 1.1531,
50.2863


 215.1860, 4.8383,
34.9169


 115.0630, 1.4479,
49.0567


 234.9280, 9.4025,
17.6031

 89.1660, 1.8902,
47.2124

 252.0650, 1.4470,
2.5740

 63.2090, 3.3480,
46.2977

 35.0180, 6.4001,
47.3422

 21.9150, 2.5069,
36.0315

 12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 168.5580, 0.7109,
52.1306

■ 168.5580, 0.7109,
52.1306

■ 153.3470, 0.8149,
65.4707

■ 183.7690, 0.6069,
38.7906

■ 138.2500, 1.3558,
78.7108

■ 198.8660, 0.0661,
25.5505

■ 123.6260, 1.1704,
91.5360

■ 213.4900, 0.2514,
12.7253

■ 108.4150, 1.2744,
104.8760

■ 228.7010, 0.1474,
-0.6148

■ 93.3180, 1.8152,
118.1161

■ 243.7980, -0.3934,
-13.8548

■ 78.1070, 1.9192,
131.4562

■ 246.9270, 3.9800,
-16.5990

■ 77.4060, 1.7718,
132.0709

Harmonies

Analogous

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



169.5520, 16.4899, 31.0879



168.5580, 0.7109, 52.1306



166.6390, -15.5980, 56.4446

Triad

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



168.5580, 0.7109, 52.1306



159.2360, -28.2173, -2.8380



140.2590, 40.2983, -92.3121

Complementary

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



168.5580, 0.7109, 52.1306



197.4420, -0.7109, -52.1306

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.



129.6510, 32.2171, -113.7039



168.5580, 0.7109, 52.1306



154.4090, -14.0056, -34.5617

Square

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



168.5580, 0.7109, 52.1306



163.0330, -33.5403, 24.5271



145.3950, 7.2003, -69.6294



157.8720, 37.5311, -44.6147

Rectangle

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



168.5580, 0.7109, 52.1306



165.9020, -24.6017, 50.9519



145.3950, 7.2003, -69.6294



130.0560, 41.3844, -114.0591

Sweetspot

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



168.5580, 0.7109, 52.1306



234.5230, 0.2352, 17.9583



165.3030, 30.9096, 26.0443



116.0660, -0.0325, 10.4661



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.



168.5580, 0.7109, 52.1306



175.7820, 1.0935, 69.4742



171.9540, -16.7393, 49.1523



107.0440, -0.0217, 6.9774



60.7030, 1.1324, 103.7465



17.3010, 0.3446, 29.5540

Inverse Universe

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



168.5580, 0.7109, 52.1306



175.7820, 1.0935, 69.4742



194.0460, 16.7393, -49.1523



107.0440, -0.0217, 6.9774



60.7030, 1.1324, 103.7465



17.3010, 0.3446, 29.5540

Previews

White Background



This preview shows how the YUV color 168.5580, 0.7109, 52.1306 looks on a white background.

Color Contrast Check

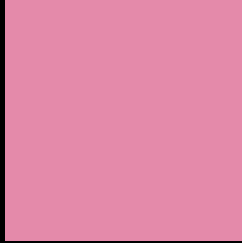
Large Text (above 18pt) WCAG AA × Fail

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 168.5580, 0.7109, 52.1306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

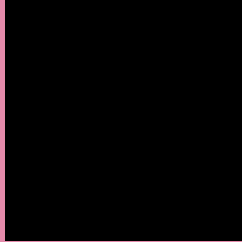
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.5580, 0.7109, 52.1306

Background



This preview shows how black text looks on a background with the YUV color 168.5580, 0.7109, 52.1306.



This preview shows how white text looks on a background with the YUV color 168.5580, 0.7109,

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

168.5580, 0.7109, 52.1306

Protanopia

165.9100, 9.9044, -3.4291

Deuteranopia

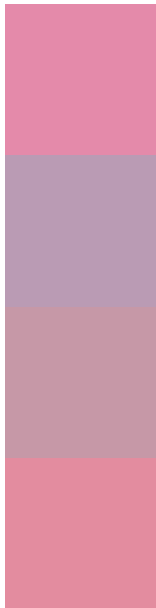
166.9630, -0.4748, 12.3104



Tritanopia

167.6690, -7.7248, 51.1563

Trichromacy



Original Color

168.5580, 0.7109, 52.1306

Protanomaly

167.1190, 6.3503, 16.5586

Deuteranomaly

167.4640, -0.2288, 26.7801

Tritanomaly

168.1790, -4.5252, 51.5860

Monochromacy



Original Color

168.5580, 0.7109, 52.1306

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.8220, 0.0878, 18.5731

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.5580, 0.7109, 52.1306 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(228, 138, 170)` looks like.

```
.text, #text, p{  
    color:rgb(228, 138, 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(228, 138, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 138, 170) }
```

Border

The CSS property to change the border of an element to YUV 168.5580, 0.7109, 52.1306 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(228, 138, 170) }
```


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

```
.border{ border-color:rgb(228, 138, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 138, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 138, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 138, 170);  
box-shadow:4px 4px 4px 4px rgb(228, 138,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 168.5580, 0.7109, 52.1306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 138, 170) }
```

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

```
.background{ background-color: rgb(228,  
138, 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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