

Converting Colors

YUV(168.0780, 5.3845, 46.4126)

Have a look what the booklet for
YUV(168.0780, 5.3845, 46.4126)
contains.

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Color

**YUV(168.0780, 5.3845,
46.4126)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8BB3
RGB	221, 139, 179
RGB Percent	87%, 55%, 70%
CMY	0.1333, 0.4549, 0.2980
CMYK	0.00, 0.37, 0.19, 0.13
HSL	331°, 55%, 71%
HSV	331°, 37%, 87%
XYZ	47.1881, 37.0921, 47.3202
YIQ	168.0780, 36.0320, 29.8240

Conversions

Conversions Part 2

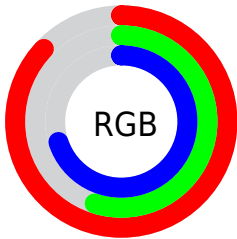
Format	Color
R _{YB}	221, 139, 179
Decimal	14519219
CIE _{Lab}	67.35, 36.66, -7.79
CIE _{LCh}	67, 37.483, 348.001
Yxy	37.0921, 0.3586, 0.2819
Android (android.graphics.Color)	4292709299 (0xFFDD8BB3)
YUV	168.0780, 5.3845, 46.4126
Hunter-Lab	60.9033, 31.7219, -3.4345

Details

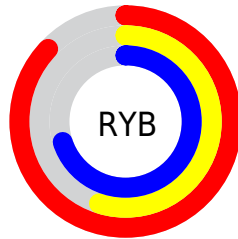
The YUV color **168.0780, 5.3845, 46.4126** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **191.9220, -5.3845, -46.4126**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.9130, 8.9169, 33.4023**, and **114.4690, 5.6848, 43.4387** is the 20% darker color. If you saturate the color by 10%, you get **153.9100, 6.9464, 58.8379**, and if you desaturate by 10%, it is **182.2460, 3.8227, 33.9873**.

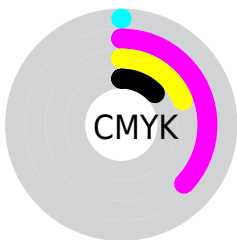
Distribution



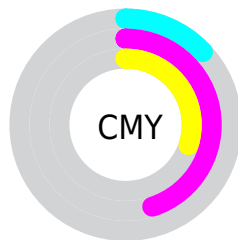
- Red (87%)
- Green (55%)
- Blue (70%)



- Red (87%)
- Yellow (55%)
- Blue (70%)



- Cyan (0%)
- Magenta (37%)
- Yellow (19%)
- Black (13%)



- Cyan (13%)
- Magenta (45%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.0780, 5.3845, 46.4126 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 168.0780, 5.3845, 46.4126 by changing the saturation by 10% instead.


 168.0780, 5.3845,
46.4126


 168.0780, 5.3845,
46.4126


255.0000, 0.0000,
0.0000


 141.0670, 5.3900,
44.6682

 216.9130, 8.9169,
33.4023

 114.4690, 5.6848,
43.4387


 235.6290, 9.5499,
16.9884

 88.8710, 5.9796,
42.2091

 252.6520, 1.1576,
2.0592

 63.3870, 6.7112,
40.8796

 36.6690, 9.0372,
41.5093

 21.4030, 5.7173,
32.9726

 12.0890, -1.5229,

21.8469

■ 0.0000, 0.0000,
0.0000

■ 168.0780, 5.3845,
46.4126

■ 168.0780, 5.3845,
46.4126

■ 153.9100, 6.9464,
58.8379

■ 182.2460, 3.8227,
33.9873

■ 139.6280, 8.0714,
71.3632

■ 196.5280, 2.6977,
21.4619

■ 125.4600, 9.6332,
83.7886

■ 210.6960, 1.1359,
9.0366

■ 111.2920, 11.1950,
96.2139

■ 224.8640, -0.4260,
-3.3887

■ 96.4230, 12.6095,
109.2540

■ 239.7330, -1.8404,
-16.4288

■ 82.2550, 14.1713,
121.6794

■ 243.9220, 1.5175,
-20.1026

■ 78.3910, 14.5972,
125.0681

■ 244.8340, 5.0118,
-20.9024

Harmonies

Analogous

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



168.4090, 20.0114, 21.5663



168.0780, 5.3845, 46.4126



166.3060, -10.5039, 55.8596

Triad

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



168.0780, 5.3845, 46.4126



159.5360, -29.8442, 5.6689



135.0360, 38.4363, -101.7636

Complementary

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



168.0780, 5.3845, 46.4126



191.9220, -5.3845, -46.4126

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.



135.8830, 23.7217, -95.4904



168.0780, 5.3845, 46.4126



155.3240, -18.4007, -24.8401

Square

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



168.0780, 5.3845, 46.4126



162.5330, -31.8148, 31.1046



148.0500, 0.4684, -57.0488



153.3930, 37.2743, -55.5957

Rectangle

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



168.0780, 5.3845, 46.4126



165.6510, -20.5339, 52.9261



148.0500, 0.4684, -57.0488



128.9160, 37.0164, -113.0593

Sweetspot

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



168.0780, 5.3845, 46.4126



236.9680, 1.9878, 15.8141



160.6070, 29.7737, 17.0077



116.9950, 0.9885, 9.6514



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.



168.0780, 5.3845, 46.4126



180.7690, 7.5089, 65.1006



163.5180, -12.0874, 50.4117



102.8590, 0.5625, 6.2627



61.4170, 11.6264, 97.8583



16.2620, 2.8288, 26.0802

Inverse Universe

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



168.0780, 5.3845, 46.4126



180.7690, 7.5089, 65.1006



196.4820, 12.0874, -50.4117



102.8590, 0.5625, 6.2627



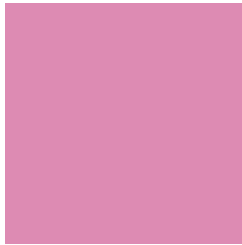
61.4170, 11.6264, 97.8583



16.2620, 2.8288, 26.0802

Previews

White Background



This preview shows how the YUV color 168.0780, 5.3845, 46.4126 looks on a white background.

Color Contrast Check

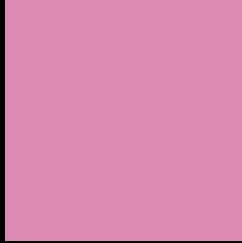
Large Text (above 18pt) WCAG AA × Fail

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 168.0780, 5.3845, 46.4126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

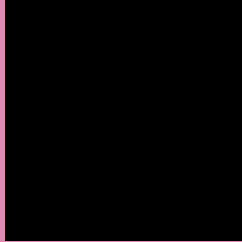
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.0780, 5.3845, 46.4126

Background



This preview shows how black text looks on a background with the YUV color 168.0780, 5.3845, 46.4126.



This preview shows how white text looks on a background with the YUV color 168.0780, 5.3845,

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

168.0780, 5.3845, 46.4126

Protanopia

165.0390, 14.2778, -6.1732

Deuteranopia

166.1950, 4.3409, 7.7220



Tritanopia

166.6790, -6.2507, 45.0085

Trichromacy



Original Color

168.0780, 5.3845, 46.4126



Protanomaly

166.0630, 11.3079, 13.0997



Deuteranomaly

166.6960, 4.5869, 22.1916



Tritanomaly

167.4170, -2.1776, 45.2383

Monochromacy



Original Color

168.0780, 5.3845, 46.4126



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.6800, 2.1298, 16.9436

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.0780, 5.3845, 46.4126 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(221, 139, 179)` looks like.

```
.text, #text, p{  
    color:rgb(221, 139, 179)  
}
```

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(221, 139, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 139, 179) }
```

Border

The CSS property to change the border of an element to YUV 168.0780, 5.3845, 46.4126 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(221, 139, 179) }
```


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

```
.border{ border-color:rgb(221, 139, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 139, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 139, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 139, 179);  
box-shadow:4px 4px 4px 4px rgb(221, 139,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 168.0780, 5.3845, 46.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 139, 179) }
```

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

```
.background{ background-color: rgb(221,  
139, 179) }
```

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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