

Converting Colors

YUV(168.6050, 6.1107, 46.8274)

Have a look what the booklet for
YUV(168.6050, 6.1107, 46.8274)
contains.

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Color

**YUV(168.6050, 6.1107,
46.8274)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8BB5
RGB	222, 139, 181
RGB Percent	87%, 55%, 71%
CMY	0.1294, 0.4549, 0.2902
CMYK	0.00, 0.37, 0.18, 0.13
HSL	330°, 56%, 71%
HSV	330°, 37%, 87%
XYZ	47.6973, 37.3310, 48.4077
YIQ	168.6050, 35.9860, 30.6580

Conversions

Conversions Part 2

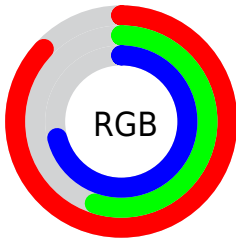
Format	Color
R _Y B	222, 139, 181
Decimal	14584757
CIE Lab	67.52, 37.31, -8.64
CIE LCh	68, 38.300, 346.968
Yxy	37.3310, 0.3575, 0.2798
Android (android.graphics.Color)	4292774837 (0xFFDE8BB5)
YUV	168.6050, 6.1107, 46.8274
Hunter-Lab	61.0991, 32.4234, -4.2050

Details

The YUV color **168.6050, 6.1107, 46.8274** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **192.3950, -6.1107, -46.8274**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.1410, 9.7905, 33.2023**, and **114.9960, 6.4110, 43.8535** is the 20% darker color. If you saturate the color by 10%, you get **154.4370, 7.6726, 59.2528**, and if you desaturate by 10%, it is **182.7730, 4.5489, 34.4021**.

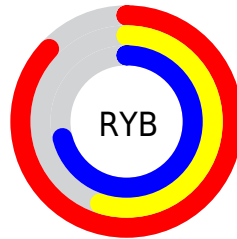
Distribution



Red (87%)

Green (55%)

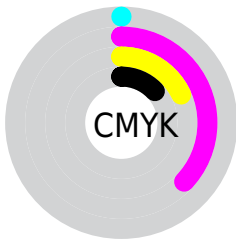
Blue (71%)



Red (87%)

Yellow (55%)

Blue (71%)

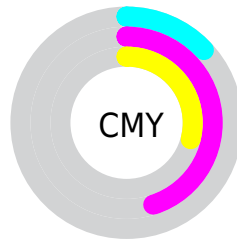


Cyan (0%)

Magenta (37%)

Yellow (18%)

Black (13%)



Cyan (13%)

Magenta (45%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6050, 6.1107, 46.8274 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 168.6050, 6.1107, 46.8274 by changing the saturation by 10% instead.


 168.6050, 6.1107,
46.8274


 168.6050, 6.1107,
46.8274

255.0000, 0.0000,
0.0000


 141.5940, 6.1162,
45.0831


 217.1410, 9.7905,
33.2023


 114.9960, 6.4110,
43.8535

 235.6290, 9.5499,
16.9884

 89.3980, 6.7058,
42.6240

 252.6520, 1.1576,
2.0592

 63.9140, 7.4374,
41.2944

 37.0820, 9.3266,
42.0241

 21.9300, 6.4435,
33.3874

 12.7300, -0.3599,

22.1618

0.0000, 0.0000,
0.0000

168.6050, 6.1107,
46.8274

168.6050, 6.1107,
46.8274

154.4370, 7.6726,
59.2528

182.7730, 4.5489,
34.4021

140.2690, 9.2344,
71.6781

196.9410, 2.9871,
21.9767

125.5140, 11.0856,
84.6182

211.6960, 1.1359,
9.0366

111.3460, 12.6474,
97.0436

225.8640, -0.4260,
-3.3887

97.1780, 14.2092,
109.4689

240.0320, -1.9878,
-15.8141

■ 83.0100, 15.7711,
121.8942

■ 244.2210, 1.3700,
-19.4878

■ 79.1460, 16.1970,
125.2830

■ 245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



168.7510, 21.3218, 21.2664



168.6050, 6.1107, 46.8274



167.0180, -10.3619, 56.9892

Triad

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



168.6050, 6.1107, 46.8274



160.1940, -31.1546, 5.9689



130.0560, 41.3844, -114.0591

Complementary

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



168.6050, 6.1107, 46.8274



192.3950, -6.1107, -46.8274

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.



133.6650, 24.3222, -101.4382



168.6050, 6.1107, 46.8274



155.3950, -19.4217, -24.0254

Square

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



168.6050, 6.1107, 46.8274



163.0170, -32.5464, 32.4341



148.5230, -0.2578, -57.4637



152.7130, 38.5955, -59.3843

Rectangle

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



168.6050, 6.1107, 46.8274



165.7760, -20.1026, 54.5704



148.5230, -0.2578, -57.4637



129.6170, 37.1638, -113.6741

Sweetspot

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



168.6050, 6.1107, 46.8274



236.9680, 1.9878, 15.8141



160.4220, 30.3580, 16.2929



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.



168.6050, 6.1107, 46.8274



180.9970, 8.3825, 64.9006



163.9310, -11.7980, 50.9265



104.9730, 0.9993, 6.1627



62.7700, 12.9314, 99.3027



17.2020, 3.8444, 27.0098

Inverse Universe

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



168.6050, 6.1107, 46.8274



180.9970, 8.3825, 64.9006



197.0690, 11.7980, -50.9265



104.9730, 0.9993, 6.1627



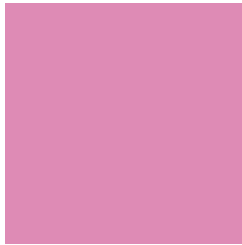
62.7700, 12.9314, 99.3027



17.2020, 3.8444, 27.0098

Previews

White Background



This preview shows how the YUV color 168.6050, 6.1107, 46.8274 looks on a white background.

Color Contrast Check

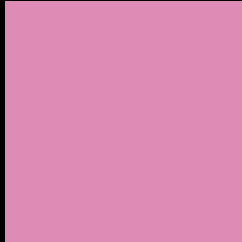
Large Text (above 18pt) WCAG AA × Fail

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 168.6050, 6.1107, 46.8274 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 168.6050, 6.1107, 46.8274

Background



This preview shows how black text looks on a background with the YUV color 168.6050, 6.1107, 46.8274.



This preview shows how white text looks on a background with the YUV color 168.6050, 6.1107,

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

168.6050, 6.1107, 46.8274

Protanopia

165.3810, 15.5882, -6.4731

Deuteranopia

166.4230, 5.2145, 7.5220



Tritanopia

167.6790, -6.2507, 45.0085

Trichromacy



Original Color

168.6050, 6.1107, 46.8274



Protanomaly

166.2910, 12.1815, 12.8998



Deuteranomaly

166.9240, 5.4605, 21.9917



Tritanomaly

167.8300, -1.8882, 45.7531

Monochromacy



Original Color

168.6050, 6.1107, 46.8274



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.6800, 2.1298, 16.9436

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6050, 6.1107, 46.8274 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(222, 139, 181)` looks like.

```
.text, #text, p{  
    color:rgb(222, 139, 181)  
}
```

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(222, 139, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 139, 181) }
```

Border

The CSS property to change the border of an element to YUV 168.6050, 6.1107, 46.8274 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(222, 139, 181) }
```


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

```
.border{ border-color:rgb(222, 139, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 139, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 139, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 139, 181);  
box-shadow:4px 4px 4px 4px rgb(222, 139,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 168.6050, 6.1107, 46.8274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 139, 181) }
```

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

```
.background{ background-color: rgb(222,  
139, 181) }
```

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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