

Converting Colors

YUV(178.7870, 13.4160,
37.0208)

Have a look what the booklet for
YUV(178.7870, 13.4160, 37.0208)
contains.

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Color

**YUV(178.7870, 13.4160,
37.0208)**

Conversions

Conversions Part 1

Format	Color
Hex	DD98CE
RGB	221, 152, 206
RGB Percent	87%, 60%, 81%
CMY	0.1333, 0.4039, 0.1922
CMYK	0.00, 0.31, 0.07, 0.13
HSL	313°, 50%, 73%
HSV	313°, 31%, 87%
XYZ	52.1876, 42.2849, 63.8037
YIQ	178.7870, 23.7900, 31.4220

Conversions

Conversions Part 2

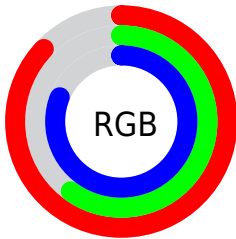
Format	Color
R _{YB}	221, 152, 206
Decimal	14522574
CIE Lab	71.07, 34.14, -17.25
CIE LCh	71, 38.251, 333.198
Yxy	42.2849, 0.3297, 0.2672
Android (android.graphics.Color)	4292712654 (0xFFDD98CE)
YUV	178.7870, 13.4160, 37.0208
Hunter-Lab	65.0268, 29.4592, -12.6561

Details

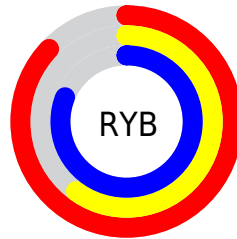
The YUV color **178.7870, 13.4160, 37.0208** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **194.2130, -13.4160, -37.0208**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8240, 13.8908, 24.7104**, and **125.3630, 13.1320, 34.7616** is the 20% darker color. If you saturate the color by 10%, you get **165.3030, 17.5986, 48.8463**, and if you desaturate by 10%, it is **192.2710, 9.2334, 25.1953**.

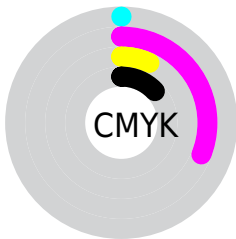
Distribution



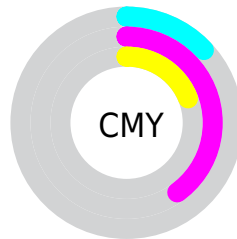
- Red (87%)
- Green (60%)
- Blue (81%)



- Red (87%)
- Yellow (60%)
- Blue (81%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (13%)





- Cyan (13%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 178.7870, 13.4160, 37.0208 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 178.7870, 13.4160, 37.0208 by changing the saturation by 10% instead.


 178.7870, 13.4160,
37.0208

 178.7870, 13.4160,
37.0208


255.0000, 0.0000,
0.0000


 151.9610, 12.8372,
35.9912


 226.8240, 13.8908,
24.7104


 125.3630, 13.1320,
34.7616

 243.8470, 5.4984,
9.7812

 99.6510, 12.9901,
33.6321

 74.9390, 12.8481,
32.5025

 49.7540, 13.4323,
31.7877

 24.3950, 14.5953,
32.1026

 16.0210, 8.3706,

21.9066

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 178.7870, 13.4160,
37.0208

■ 178.7870, 13.4160,
37.0208

■ 165.3030, 17.5986,
48.8463

■ 192.2710, 9.2334,
25.1953

■ 151.8190, 21.7812,
60.6717

■ 205.7550, 5.0508,
13.3699

■ 138.4490, 26.4006,
72.3972

■ 219.1250, 0.4314,
1.6444

■ 124.9650, 30.5833,
84.2227

■ 232.6090, -3.7512,
-10.1811

111.4810, 34.7659,
96.0482

241.9840, -5.9081,
-18.4030

97.4100, 39.2379,
108.3884

242.5540, -3.7241,
-18.9029

85.8010, 42.9891,
118.5695

243.1240, -1.5401,
-19.4027

243.5800, 0.2071,
-19.8027

244.1500, 2.3910,
-20.3026

Harmonies

Analogous

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



177.4330, 26.9015, 4.8823



178.7870, 13.4160, 37.0208



177.5430, -3.2257, 54.7748

Triad

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



178.7870, 13.4160, 37.0208



171.1140, -33.0872, 19.1940



142.1510, 33.9426, -107.1264

Complementary

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



178.7870, 13.4160, 37.0208



194.2130, -13.4160, -37.0208

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.



153.2030, 11.7319, -76.4770



178.7870, 13.4160, 37.0208



167.0610, -26.1591, -9.7005

Square

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



178.7870, 13.4160, 37.0208



174.0660, -30.1055, 42.9151



161.6900, -10.2002, -41.8241



156.0050, 38.9445, -78.0574

Rectangle

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



178.7870, 13.4160, 37.0208



176.1060, -13.8563, 57.7890



161.6900, -10.2002, -41.8241



144.7730, 27.2269, -99.7789

Sweetspot

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



178.7870, 13.4160, 37.0208



240.9290, 4.4720, 12.3403



164.3510, 27.9280, 2.3232



118.7390, 2.5937, 8.1219



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.



178.7870, 13.4160, 37.0208



197.4280, 18.0300, 50.4906



174.9110, -1.4351, 40.4201



103.2010, 1.8729, 5.9627



67.2310, 33.9031, 92.7594



17.8580, 8.9440, 24.6805

Inverse Universe

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



178.7870, 13.4160, 37.0208



197.4280, 18.0300, 50.4906



198.0890, 1.4351, -40.4201



103.2010, 1.8729, 5.9627



67.2310, 33.9031, 92.7594



17.8580, 8.9440, 24.6805

Previews

White Background



This preview shows how the YUV color 178.7870, 13.4160, 37.0208 looks on a white background.

Color Contrast Check

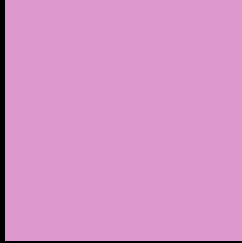
Large Text (above 18pt) WCAG AA × Fail

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 178.7870, 13.4160, 37.0208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

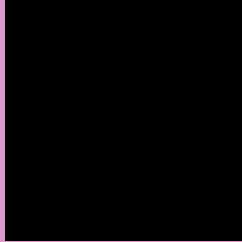
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.7870, 13.4160, 37.0208

Background



This preview shows how black text looks on a background with the YUV color 178.7870, 13.4160, 37.0208.



This preview shows how white text looks on a background with the YUV color 178.7870, 13.4160,

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

178.7870, 13.4160, 37.0208

Protanopia

174.7810, 22.2930, -10.3319

Deuteranopia

176.1540, 13.2351, 1.6189



Tritanopia

177.7100, -3.3080, 34.4573

Trichromacy



Original Color

178.7870, 13.4160, 37.0208



Protanomaly

176.3810, 19.0392, 6.6819



Deuteranomaly

176.9430, 13.3391, 14.9590



Tritanomaly

177.7300, 3.0911, 35.3168

Monochromacy



Original Color

178.7870, 13.4160, 37.0208



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.7550, 5.0508, 13.3699

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.7870, 13.4160, 37.0208 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, 152, 206)` looks like.

```
.text, #text, p{  
    color:rgb(221, 152, 206)  
}
```

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, 152, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 152, 206) }
```

Border

The CSS property to change the border of an element to YUV 178.7870, 13.4160, 37.0208 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, 152, 206) }
```


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

```
.border{ border-color:rgb(221, 152, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 152, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 152, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 152, 206);  
box-shadow:4px 4px 4px 4px rgb(221, 152,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 178.7870, 13.4160, 37.0208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 152, 206) }
```

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

```
.background{ background-color: rgb(221,  
152, 206) }
```

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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