

Converting Colors

YUV(168.7870, 13.4160,
37.0208)

Have a look what the booklet for
YUV(168.7870, 13.4160, 37.0208)
contains.

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Color

**YUV(168.7870, 13.4160,
37.0208)**

Conversions

Conversions Part 1

Format	Color
Hex	D38EC4
RGB	211, 142, 196
RGB Percent	83%, 56%, 77%
CMY	0.1725, 0.4431, 0.2314
CMYK	0.00, 0.33, 0.07, 0.17
HSL	313°, 44%, 69%
HSV	313°, 33%, 83%
XYZ	46.5008, 37.1804, 56.9502
YIQ	168.7870, 23.7900, 31.4220

Conversions

Conversions Part 2

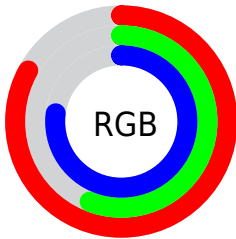
Format	Color
R _Y B	211, 142, 196
Decimal	13864644
CIE Lab	67.41, 34.45, -17.33
CIE LCh	67, 38.560, 333.297
Yxy	37.1804, 0.3307, 0.2644
Android (android.graphics.Color)	4292054724 (0xFFD38EC4)
YUV	168.7870, 13.4160, 37.0208
Hunter-Lab	60.9757, 29.4185, -12.6928

Details

The YUV color **168.7870, 13.4160, 37.0208** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184.2130, -13.4160, -37.0208**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.7260, 15.9111, 30.0583**, and **115.3630, 13.1320, 34.7616** is the 20% darker color. If you saturate the color by 10%, you get **155.8900, 17.3092, 48.3315**, and if you desaturate by 10%, it is **181.6840, 9.5228, 25.7101**.

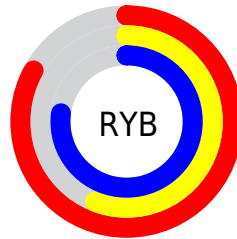
Distribution



Red (83%)

Green (56%)

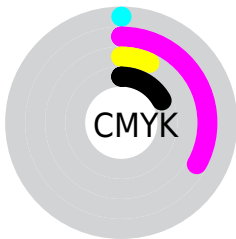
Blue (77%)



Red (83%)

Yellow (56%)

Blue (77%)

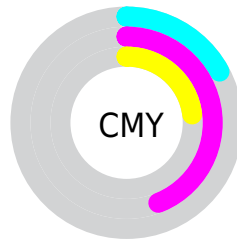


Cyan (0%)

Magenta (33%)

Yellow (7%)

Black (17%)



Cyan (17%)

Magenta (44%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.7870, 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 168.7870, 13.4160, 37.0208 by changing the saturation by 10% instead.

168.7870, 13.4160,
37.0208

168.7870, 13.4160,
37.0208

255.0000, 0.0000,
0.0000

142.0750, 13.2740,
35.8912

220.7260, 15.9111,
30.0583

115.3630, 13.1320,
34.7616

237.3900, 8.6817,
15.4440

90.6510, 12.9901,
33.6321

254.4130, 0.2894,
0.5148

65.3520, 13.1375,
33.0173

40.1670, 13.7217,
32.3025

21.0910, 12.2801,
27.9842

12.1190, 6.3503,

16.5586

■ 0.0000, 0.0000,
0.0000

■ 168.7870, 13.4160,
37.0208

■ 168.7870, 13.4160,
37.0208

■ 155.8900, 17.3092,
48.3315

■ 181.6840, 9.5228,
25.7101

■ 143.1070, 21.6392,
59.5422

■ 194.4670, 5.1928,
14.4994

■ 130.2100, 25.5325,
70.8528

■ 207.3640, 1.2995,
3.1888

■ 117.4270, 29.8625,
82.0635

■ 220.1470, -3.0305,
-8.0219

■ 104.5300, 33.7557,
93.3742

■ 233.6310, -7.2131,
-19.8474

91.0460, 37.9383,
105.1997

238.3100, -7.0548,
-23.9509

81.8990, 40.9688,
113.2216

238.7660, -5.3076,
-24.3508

239.3360, -3.1236,
-24.8507

239.7920, -1.3765,
-25.2506

Harmonies

Analogous

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



167.4330, 26.9015, 4.8823



168.7870, 13.4160, 37.0208



167.6570, -2.7889, 54.6748

Triad

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



168.7870, 13.4160, 37.0208



161.1140, -33.0872, 19.1940



129.1610, 35.4166, -113.2742

Complementary

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



168.7870, 13.4160, 37.0208



184.2130, -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.



141.4090, 12.6164, -80.1657



168.7870, 13.4160, 37.0208



157.1750, -25.7223, -9.8005

Square

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



168.7870, 13.4160, 37.0208



163.7670, -29.9581, 42.3003



151.8040, -9.7634, -41.9241



143.9120, 39.9764, -82.3608

Rectangle

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



168.7870, 13.4160, 37.0208



165.8070, -13.7089, 57.1743



151.8040, -9.7634, -41.9241



128.4940, 30.3225, -112.6892

Sweetspot

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



168.7870, 13.4160, 37.0208



239.6410, 4.6140, 13.4698



154.3510, 27.9280, 2.3232



118.1520, 2.8831, 8.6367



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.



168.7870, 13.4160, 37.0208



194.3790, 19.0402, 53.1646



164.9110, -1.4351, 40.4201



98.2010, 1.8729, 5.9627



65.2800, 32.8930, 90.0854



15.9070, 7.9338, 22.0066

Inverse Universe

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



168.7870, 13.4160, 37.0208



194.3790, 19.0402, 53.1646



188.0890, 1.4351, -40.4201



98.2010, 1.8729, 5.9627



65.2800, 32.8930, 90.0854



15.9070, 7.9338, 22.0066

Previews

White Background



This preview shows how the YUV color 168.7870, 13.4160, 37.0208 looks on a white background.

Color Contrast Check

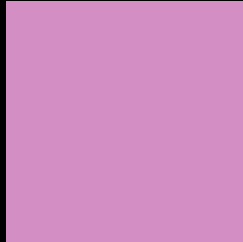
Large Text (above 18pt) WCAG AA × Fail

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 168.7870, 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 168.7870, 13.4160, 37.0208

Background



This preview shows how black text looks on a background with the YUV color 168.7870, 13.4160, 37.0208.



This preview shows how white text looks on a background with the YUV color 168.7870, 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

168.7870, 13.4160, 37.0208

Protanopia

165.0690, 22.1510, -11.4615

Deuteranopia

166.4420, 13.0931, 0.4894



Tritanopia

167.5960, -3.7448, 34.5573

Trichromacy



Original Color

168.7870, 13.4160, 37.0208



Protanomaly

166.0820, 19.1866, 6.0671



Deuteranomaly

167.2310, 13.1971, 13.8294



Tritanomaly

167.6160, 2.6543, 35.4168

Monochromacy



Original Color

168.7870, 13.4160, 37.0208



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.7550, 5.0508, 13.3699

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.7870, 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(211, 142, 196)` looks like.

```
.text, #text, p{  
    color:rgb(211, 142, 196)  
}
```

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(211, 142, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 142, 196) }
```

Border

The CSS property to change the border of an element to YUV 168.7870, 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(211, 142, 196) }
```


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

```
.border{ border-color:rgb(211, 142, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 142, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 142, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 142, 196);  
box-shadow:4px 4px 4px 4px rgb(211, 142,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 168.7870, 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(211, 142, 196) }
```

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

```
.background{ background-color: rgb(211,  
142, 196) }
```

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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