

Converting Colors

YUV(212.7870, 13.4160,
37.0208)

Have a look what the booklet for
YUV(212.7870, 13.4160, 37.0208)
contains.

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Color

**YUV(212.7870, 13.4160,
37.0208)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBAF0
RGB	255, 186, 240
RGB Percent	100%, 73%, 94%
CMY	0.0000, 0.2706, 0.0588
CMYK	0.00, 0.27, 0.06, 0.00
HSL	313°, 100%, 86%
HSV	313°, 27%, 100%
XYZ	74.5271, 62.6691, 90.6064
YIQ	212.7870, 23.7900, 31.4220

Conversions

Conversions Part 2

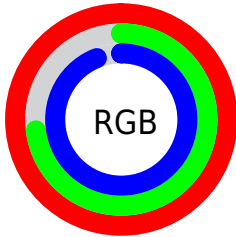
Format	Color
R_{YB}	255, 186, 240
Decimal	16759536
CIE _{Lab}	83.27, 33.19, -16.97
CIE _{LCh}	83, 37.271, 332.922
Yxy	62.6691, 0.3272, 0.2751
Android (android.graphics.Color)	4294949616 (0xFFFFBAF0)
YUV	212.7870, 13.4160, 37.0208
Hunter-Lab	79.1638, 29.5084, -12.4453

Details

The YUV color **212.7870, 13.4160, 37.0208** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **228.2130, -13.4160, -37.0208**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.9560, 3.4727, 6.1776**, and **157.3630, 13.1320, 34.7616** is the 20% darker color. If you saturate the color by 10%, you get **197.4280, 18.0300, 50.4906**, and if you desaturate by 10%, it is **228.1460, 8.8020, 23.5510**.

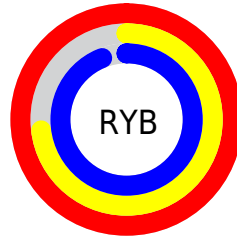
Distribution



Red (100%)

Green (73%)

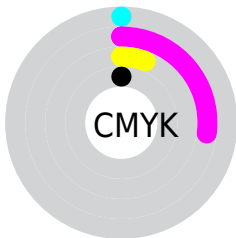
Blue (94%)



Red (100%)

Yellow (73%)

Blue (94%)

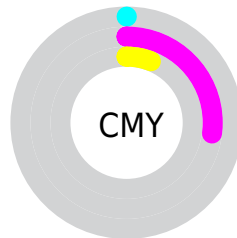


Cyan (0%)

Magenta (27%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 212.7870, 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 212.7870, 13.4160, 37.0208 by changing the saturation by 10% instead.


 212.7870, 13.4160,
37.0208


 212.7870, 13.4160,
37.0208


255.0000, 0.0000,
0.0000


 185.0750, 13.2740,
35.8912


 247.9560, 3.4727,
6.1776

 157.3630, 13.1320,
34.7616

 130.9500, 12.8427,
34.2469

 105.2380, 12.7007,
33.1173

 80.2270, 12.7061,
31.3729

 55.8140, 12.4167,
30.8581

 30.4550, 13.5797,

31.1730

■ 17.0750, 9.8230,
22.7362

■ 2.9770, 4.9413,
1.7742

■ 212.7870, 13.4160,
37.0208

■ 212.7870, 13.4160,
37.0208

■ 197.4280, 18.0300,
50.4906

■ 228.1460, 8.8020,
23.5510

■ 181.5960, 23.3702,
64.3753

■ 243.9780, 3.4618,
9.6663

■ 165.6500, 28.2736,
78.3600

■ 255.0000, 0.0000,
0.0000

■ 150.4050, 33.3243,
91.7298

■ 134.4590, 38.2277,
105.7145

■ 119.2140, 43.2785,
119.0843

■ 103.8550, 47.8925,
132.5542

■ 99.0450, 49.7708,
136.7725

Harmonies

Analogous

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



209.5920, 22.3861, 6.4968



212.7870, 13.4160, 37.0208



205.8620, -0.4250, 43.0940

Triad

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



212.7870, 13.4160, 37.0208



204.7120, -33.3820, 20.4236



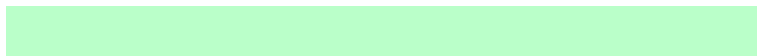
186.2030, 28.4939, -86.1240

Complementary

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



212.7870, 13.4160, 37.0208



228.2130, -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.



189.7800, 9.9685, -70.8441



212.7870, 13.4160, 37.0208



201.3600, -26.3065, -9.0857

Square

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



212.7870, 13.4160, 37.0208



206.7670, -29.9581, 42.3003



196.1740, -10.9318, -40.4946



192.2960, 30.9131, -68.6656

Rectangle

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



212.7870, 13.4160, 37.0208



203.8270, -10.7607, 44.8787



196.1740, -10.9318, -40.4946



186.4330, 22.9575, -83.6947

Sweetspot

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



212.7870, 13.4160, 37.0208



242.8040, 4.0406, 10.6959



198.3510, 27.9280, 2.3232



120.0270, 2.4517, 6.9923



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.



212.7870, 13.4160, 37.0208



204.8140, 15.8677, 44.0131



208.9110, -1.4351, 40.4201



120.0270, 2.4517, 6.9923



74.2090, 37.3650, 102.4257



24.8360, 12.4059, 34.3468

Inverse Universe

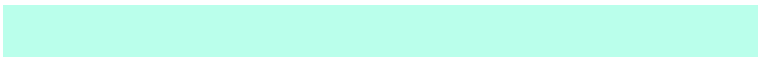
The Inverse Universe completely reimagines the original color for something new.



212.7870, 13.4160, 37.0208



204.8140, 15.8677, 44.0131



232.0890, 1.4351, -40.4201



120.0270, 2.4517, 6.9923



74.2090, 37.3650, 102.4257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 212.7870, 13.4160, 37.0208 looks on a white background.

Color Contrast Check

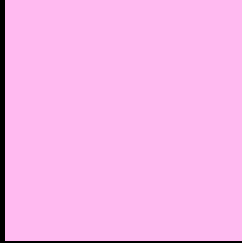
Large Text (above 18pt) WCAG AA × Fail

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 212.7870, 13.4160, 37.0208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

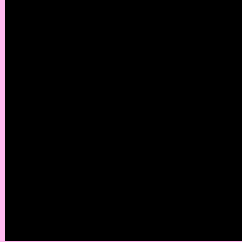
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.7870, 13.4160, 37.0208

Background



This preview shows how black text looks on a background with the YUV color 212.7870, 13.4160, 37.0208.



This preview shows how white text looks on a background with the YUV color 212.7870, 13.4160,

37.0208.

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

212.7870, 13.4160, 37.0208

Protanopia

208.6670, 21.8562, -10.2320

Deuteranopia

209.5780, 13.5190, 3.8781



Tritanopia

211.3510, -2.1450, 34.7722

Trichromacy



Original Color

212.7870, 13.4160, 37.0208



Protanomaly

210.2670, 18.6024, 6.7818



Deuteranomaly

210.6550, 13.4811, 16.0886



Tritanomaly

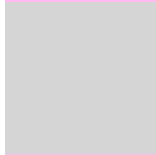
211.8440, 3.5279, 35.2168

Monochromacy



Original Color

212.7870, 13.4160, 37.0208



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

212.7550, 5.0508, 13.3699

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.7870, 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(255, 186, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 240)  
}
```

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(255, 186, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 240) }
```

Border

The CSS property to change the border of an element to YUV 212.7870, 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(255, 186, 240) }
```


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

```
.border{ border-color:rgb(255, 186, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 212.7870, 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(255, 186, 240) }
```

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

```
.background{ background-color: rgb(255,  
186, 240) }
```

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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