

Converting Colors

YUV(210.8620, 16.3370,
33.4470)

Have a look what the booklet for
YUV(210.8620, 16.3370, 33.4470)
contains.

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Color

**YUV(210.8620, 16.3370,
33.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B9F4
RGB	249, 185, 244
RGB Percent	98%, 73%, 96%
CMY	0.0235, 0.2745, 0.0431
CMYK	0.00, 0.26, 0.02, 0.02
HSL	305°, 84%, 85%
HSV	305°, 26%, 98%
XYZ	72.7450, 61.3693, 93.5993
YIQ	210.8620, 19.2050, 31.9170

Conversions

Conversions Part 2

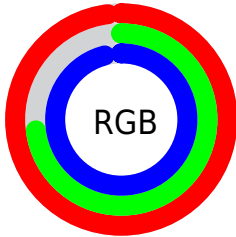
Format	Color
R _Y B	249, 185, 244
Decimal	16366068
CIE Lab	82.58, 32.46, -20.21
CIE LCh	83, 38.235, 328.097
Yxy	61.3693, 0.3195, 0.2695
Android (android.graphics.Color)	4294556148 (0xFFFF9B9F4)
YUV	210.8620, 16.3370, 33.4470
Hunter-Lab	78.3386, 28.6622, -16.0030

Details

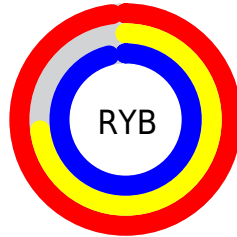
The YUV color $210.8620, 16.3370, 33.4470$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $223.1380, -16.3370, -33.4470$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.3690, 3.7621, 6.6924$, and $155.7370, 15.9057, 31.8027$ is the 20% darker color. If you saturate the color by 10%, you get $195.9590, 22.6982, 46.5170$, and if you desaturate by 10%, it is $225.7650, 9.9759, 20.3771$.

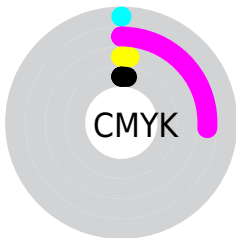
Distribution



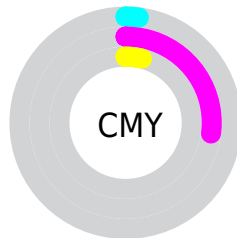
- Red (98%)
- Green (73%)
- Blue (96%)



- Red (98%)
- Yellow (73%)
- Blue (96%)



- Cyan (0%)
- Magenta (26%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 210.8620, 16.3370, 33.4470 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 210.8620, 16.3370, 33.4470 by changing the saturation by 10% instead.


 210.8620, 16.3370,
33.4470


 210.8620, 16.3370,
33.4470


255.0000, 0.0000,
0.0000


 183.1500, 16.1950,
32.3174


 247.3690, 3.7621,
6.6924

 155.7370, 15.9057,
31.8027

 129.0250, 15.7637,
30.6731

 103.1990, 15.1849,
29.6435

 78.4870, 15.0429,
28.5139

 54.6610, 14.4641,
27.4843

 29.3020, 15.6271,

27.7991

■ 16.4060, 11.1388,
20.6919

■ 1.9380, 7.4256,
-1.6996

■ 210.8620, 16.3370,
33.4470

■ 210.8620, 16.3370,
33.4470

■ 195.9590, 22.6982,
46.5170

■ 225.7650, 9.9759,
20.3771

■ 181.0560, 29.0594,
59.5869

■ 240.6680, 3.6147,
7.3072

■ 166.1530, 35.4206,
72.6568

■ 252.6360, -1.2995,
-3.1888

■ 151.2500, 41.7818,
85.7267

■ 252.8640, -0.4260,
-3.3887

■ 136.9340, 47.8535,
98.2819

■ 253.0920, 0.4476,
-3.5887

■ 122.0310, 54.2147,
111.3518

■ 253.2060, 0.8844,
-3.6887

■ 107.1280, 60.5759,
124.4217

■ 100.6710, 63.7592,
130.0845

Harmonies

Analogous

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



206.6020, 23.8602, 0.3490



210.8620, 16.3370, 33.4470



204.5570, 2.1904, 44.2385

Triad

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



210.8620, 16.3370, 33.4470



203.2180, -34.1245, 25.2418



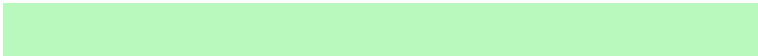
182.5400, 27.3418, -89.9276

Complementary

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



210.8620, 16.3370, 33.4470



223.1380, -16.3370, -33.4470

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.



187.9930, 6.9055, -68.3999



210.8620, 16.3370, 33.4470



199.9970, -29.0855, -4.3824

Square

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



210.8620, 16.3370, 33.4470



204.4190, -28.8006, 44.3595



194.3980, -14.0002, -36.3060



187.5230, 33.2662, -76.7577

Rectangle

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



210.8620, 16.3370, 33.4470



202.4080, -8.5821, 46.1232



194.3980, -14.0002, -36.3060



183.6670, 21.3632, -85.6540

Sweetspot

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



210.8620, 16.3370, 33.4470



243.0320, 4.9142, 10.4959



193.4920, 27.3654, -3.9395



120.2550, 3.3253, 6.7924



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.



210.8620, 16.3370, 33.4470



207.9430, 20.2411, 41.2690



207.3280, 2.7963, 36.5463



117.2550, 3.3253, 6.7924



76.3470, 48.1429, 98.7967



24.6230, 15.4689, 31.9026

Inverse Universe

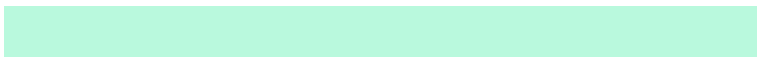
The Inverse Universe completely reimagines the original color for something new.



210.8620, 16.3370, 33.4470



207.9430, 20.2411, 41.2690



226.6720, -2.7963, -36.5463



117.2550, 3.3253, 6.7924



76.3470, 48.1429, 98.7967



24.6230, 15.4689, 31.9026

Previews

White Background



This preview shows how the YUV color 210.8620, 16.3370, 33.4470 looks on a white background.

Color Contrast Check

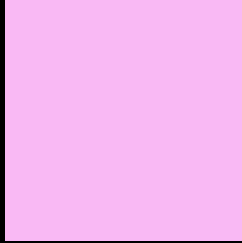
Large Text (above 18pt) WCAG AA × Fail

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 210.8620, 16.3370, 33.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

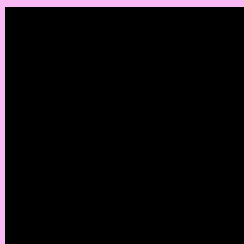
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 210.8620, 16.3370, 33.4470

Background



This preview shows how black text looks on a background with the YUV color 210.8620, 16.3370, 33.4470.



This preview shows how white text looks on a background with the YUV color 210.8620, 16.3370,

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

210.8620, 16.3370, 33.4470

Protanopia

206.8240, 23.7508, -11.2466

Deuteranopia

207.9520, 16.2927, 0.9191



Tritanopia

209.2580, -1.1132, 30.4687

Trichromacy



Original Color

210.8620, 16.3370, 33.4470



Protanomaly

208.2390, 21.0812, 5.0524



Deuteranomaly

209.0290, 16.2547, 13.1296



Tritanomaly

209.5770, 5.1385, 31.9430

Monochromacy



Original Color

210.8620, 16.3370, 33.4470



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

211.2710, 5.7824, 12.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.8620, 16.3370, 33.4470 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(249, 185, 244)` looks like.

```
.text, #text, p{  
    color:rgb(249, 185, 244)  
}
```

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(249, 185, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 185, 244) }
```

Border

The CSS property to change the border of an element to YUV 210.8620, 16.3370, 33.4470 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(249, 185, 244) }
```


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

```
.border{ border-color:rgb(249, 185, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 185, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 185, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 185, 244);  
box-shadow:4px 4px 4px 4px rgb(249, 185,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 210.8620, 16.3370, 33.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 185, 244) }
```

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

```
.background{ background-color: rgb(249,  
185, 244) }
```

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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