

Converting Colors

YUV(197.1490, 4.3635, 47.2273)

Have a look what the booklet for
YUV(197.1490, 4.3635, 47.2273)
contains.

YUV(197.1490, 4.3635, 47.2273)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(197.1490, 4.3635,
47.2273)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA8CE
RGB	251, 168, 206
RGB Percent	98%, 66%, 81%
CMY	0.0157, 0.3412, 0.1922
CMYK	0.00, 0.33, 0.18, 0.02
HSL	333°, 91%, 82%
HSV	333°, 33%, 98%
XYZ	64.9269, 52.9707, 65.1949
YIQ	197.1490, 37.2700, 29.4140

Conversions

Conversions Part 2

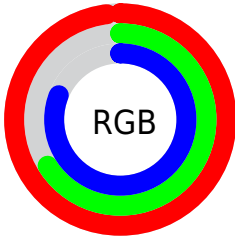
Format	Color
R _Y B	251, 168, 206
Decimal	16492750
CIE Lab	77.86, 35.79, -6.75
CIE LCh	78, 36.422, 349.325
Yxy	52.9707, 0.3546, 0.2893
Android (android.graphics.Color)	4294682830 (0xFFFBA8CE)
YUV	197.1490, 4.3635, 47.2273
Hunter-Lab	72.7810, 31.8705, -2.1634

Details

The YUV color **197.1490, 4.3635, 47.2273** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **221.8510, -4.3635, -47.2273**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8030, 8.9711, 15.9588**, and **142.5400, 4.6638, 44.2534** is the 20% darker color. If you saturate the color by 10%, you get **180.8780, 5.4831, 61.4970**, and if you desaturate by 10%, it is **213.4200, 3.2439, 32.9577**.

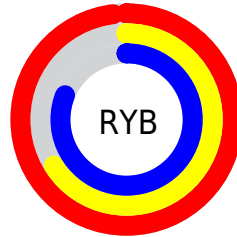
Distribution



Red (98%)

Green (66%)

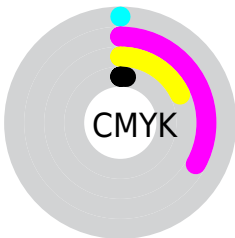
Blue (81%)



Red (98%)

Yellow (66%)

Blue (81%)

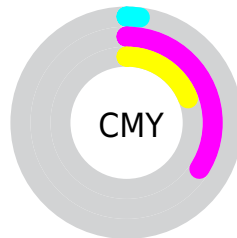


Cyan (0%)

Magenta (33%)

Yellow (18%)

Black (2%)



Cyan (2%)

Magenta (34%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 197.1490, 4.3635, 47.2273 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 197.1490, 4.3635, 47.2273 by changing the saturation by 10% instead.

 197.1490, 4.3635,
47.2273


 197.1490, 4.3635,
47.2273

255.0000, 0.0000,
0.0000

 169.5510, 4.6584,
45.9978

 236.8030, 8.9711,
15.9588

 142.5400, 4.6638,
44.2534

 253.8260, 0.5788,
1.0296

 115.9420, 4.9586,
43.0239

 90.3440, 5.2534,
41.7943

 65.4470, 5.6956,
39.9500

 39.2020, 7.2954,
40.1648

 21.7020, 5.5699,

33.5873

■ 12.6870, -1.8177,
23.0765

■ 0.0000, 0.0000,
0.0000

■ 197.1490, 4.3635,
47.2273

■ 197.1490, 4.3635,
47.2273

■ 180.8780, 5.4831,
61.4970

■ 213.4200, 3.2439,
32.9577

■ 164.7210, 7.0395,
75.6667

■ 229.5770, 1.6875,
18.7880

■ 148.4500, 8.1592,
89.9364

■ 245.8480, 0.5679,
4.5183

■ 132.2930, 9.7156,
104.1060

■ 253.8040, 0.5896,
-2.4591

■ 115.4350, 11.1245,
118.8905

■ 99.1640, 12.2441,
133.1602

■ 88.1590, 13.2326,
142.8116

Harmonies

Analogous

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



197.0070, 19.7165, 22.7959



197.1490, 4.3635, 47.2273



194.4690, -11.0772, 53.0857

Triad

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



197.1490, 4.3635, 47.2273



187.9380, -29.5494, 4.4394



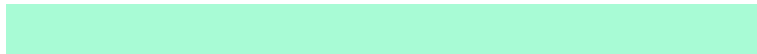
173.7290, 34.1506, -80.4463

Complementary

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



197.1490, 4.3635, 47.2273



221.8510, -4.3635, -47.2273

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.



171.8740, 20.7681, -81.4505



197.1490, 4.3635, 47.2273



184.0250, -18.2533, -25.4549

Square

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



197.1490, 4.3635, 47.2273



191.4190, -32.2516, 31.2045



177.7620, 0.6103, -55.9193



183.8560, 35.0740, -49.8627

Rectangle

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



197.1490, 4.3635, 47.2273



194.4230, -21.4075, 53.1260



177.7620, 0.6103, -55.9193



171.7840, 30.6725, -84.8796

Sweetspot

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



197.1490, 4.3635, 47.2273



238.7290, 1.1196, 14.2697



190.6180, 29.7683, 18.7520



117.5820, 0.6991, 9.1366



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.



197.1490, 4.3635, 47.2273



188.8560, 5.4940, 58.0083



194.5780, -13.1030, 49.4821



116.5710, 0.7045, 7.3922



66.3150, 9.7047, 107.5947



21.4310, 3.2385, 34.7020

Inverse Universe

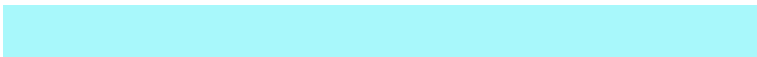
The Inverse Universe completely reimagines the original color for something new.



197.1490, 4.3635, 47.2273



188.8560, 5.4940, 58.0083



224.4220, 13.1030, -49.4821



116.5710, 0.7045, 7.3922



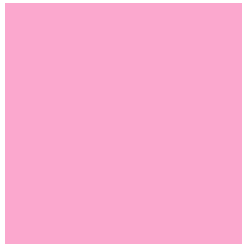
66.3150, 9.7047, 107.5947



21.4310, 3.2385, 34.7020

Previews

White Background



This preview shows how the YUV color 197.1490, 4.3635, 47.2273 looks on a white background.

Color Contrast Check

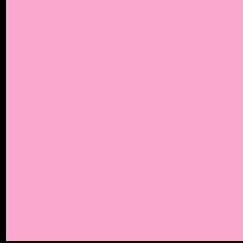
Large Text (above 18pt) WCAG AA × Fail

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 197.1490, 4.3635, 47.2273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

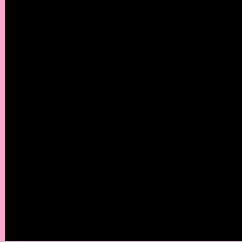
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.1490, 4.3635, 47.2273

Background



This preview shows how black text looks on a background with the YUV color 197.1490, 4.3635, 47.2273.



This preview shows how white text looks on a background with the YUV color 197.1490, 4.3635,

47.2273.

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

197.1490, 4.3635, 47.2273

Protanopia

193.5230, 13.5462, -4.8437

Deuteranopia

194.8040, 4.0406, 10.6959



Tritanopia

196.5050, -5.6720, 46.0381

Trichromacy



Original Color

197.1490, 4.3635, 47.2273



Protanomaly

195.1340, 10.2869, 13.9145



Deuteranomaly

195.5930, 4.1447, 24.0359



Tritanomaly

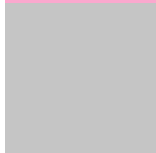
197.1290, -2.0356, 46.3679

Monochromacy



Original Color

197.1490, 4.3635, 47.2273



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.8650, 1.5456, 17.6584

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.1490, 4.3635, 47.2273 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(251, 168, 206)` looks like.

```
.text, #text, p{  
    color:rgb(251, 168, 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(251, 168, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 168, 206) }
```

Border

The CSS property to change the border of an element to YUV 197.1490, 4.3635, 47.2273 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(251, 168, 206) }
```


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

```
.border{ border-color:rgb(251, 168, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 168, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 168, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 168, 206);  
box-shadow:4px 4px 4px 4px rgb(251, 168,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 197.1490, 4.3635, 47.2273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 168, 206) }
```

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

```
.background{ background-color: rgb(251,  
168, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor