

Converting Colors

YUV(195.5030, 0.7380, 43.4089)

Have a look what the booklet for
YUV(195.5030, 0.7380, 43.4089)
contains.

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Color

**YUV(195.5030, 0.7380,
43.4089)**

Conversions

Conversions Part 1

Format	Color
Hex	F5AAC5
RGB	245, 170, 197
RGB Percent	96%, 67%, 77%
CMY	0.0392, 0.3333, 0.2275
CMYK	0.00, 0.31, 0.20, 0.04
HSL	338°, 79%, 81%
HSV	338°, 31%, 96%
XYZ	62.1090, 52.1931, 59.6241
YIQ	195.5030, 36.0330, 24.2970

Conversions

Conversions Part 2

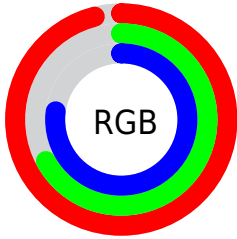
Format	Color
R _Y B	245, 170, 197
Decimal	16100037
CIE Lab	77.40, 31.32, -2.60
CIE LCh	77, 31.423, 355.259
Yxy	52.1931, 0.3571, 0.3001
Android (android.graphics.Color)	4294290117 (0xFFF5AAC5)
YUV	195.5030, 0.7380, 43.4089
Hunter-Lab	72.2448, 27.0282, 1.6390

Details

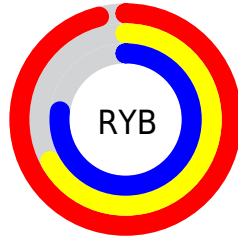
The YUV color **195.5030, 0.7380, 43.4089** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **219.4970, -0.7380, -43.4089**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.8630, 7.9555, 15.0291**, and **141.1930, 0.8909, 41.0497** is the 20% darker color. If you saturate the color by 10%, you get **179.5910, 0.6946, 57.3637**, and if you desaturate by 10%, it is **212.0020, 0.4920, 28.9392**.

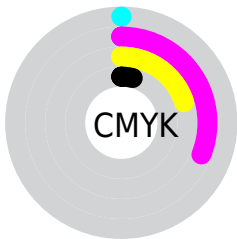
Distribution



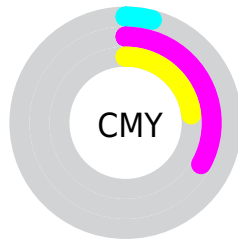
- Red (96%)
- Green (67%)
- Blue (77%)



- Red (96%)
- Yellow (67%)
- Blue (77%)



- Cyan (0%)
- Magenta (31%)
- Yellow (20%)
- Black (4%)




- Cyan (4%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.5030, 0.7380, 43.4089 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 195.5030, 0.7380, 43.4089 by changing the saturation by 10% instead.


 195.5030, 0.7380,
43.4089


 195.5030, 0.7380,
43.4089


255.0000, 0.0000,
0.0000


 167.9050, 1.0328,
42.1793


 237.8630, 7.9555,
15.0291

 141.1930, 0.8909,
41.0497

 115.2960, 1.3331,
39.2054

 89.6980, 1.6279,
37.9759

 64.9150, 2.5069,
36.0315

 40.4310, 3.2385,
34.7020

 19.8220, 3.5388,

31.7281

■ 10.2800, -4.5750,
20.8024

■ 0.0000, 0.0000,
0.0000

■ 195.5030, 0.7380,
43.4089

■ 195.5030, 0.7380,
43.4089

■ 179.5910, 0.6946,
57.3637

■ 212.0020, 0.4920,
28.9392

■ 163.2060, 1.3774,
71.7333

■ 227.8000, 0.0986,
15.0844

■ 147.2940, 1.3341,
85.6882

■ 243.7120, 0.1420,
1.1296

■ 130.7950, 1.5801,
100.1578

■ 252.0100, 1.4741,
-6.1478

■ 114.9970, 1.9735,
114.0126

■ 98.4980, 2.2195,
128.4823

■ 83.2870, 2.3235,
141.8223

Harmonies

Analogous

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



195.9380, 14.3276, 24.6104



195.5030, 0.7380, 43.4089



194.2790, -12.9555, 48.8673

Triad

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



195.5030, 0.7380, 43.4089



186.9850, -24.1496, -0.8638



179.4820, 28.8494, -60.0587

Complementary

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



195.5030, 0.7380, 43.4089



219.4970, -0.7380, -43.4089

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.



175.9190, 19.2669, -66.5810



195.5030, 0.7380, 43.4089



183.3930, -13.0117, -26.6547

Square

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



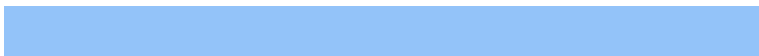
195.5030, 0.7380, 43.4089



190.1020, -28.1513, 22.7125



178.4790, 3.2149, -51.2861



186.8040, 30.6626, -34.9081

Rectangle

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



195.5030, 0.7380, 43.4089



192.8950, -20.6542, 44.8191



178.4790, 3.2149, -51.2861



177.5800, 26.8291, -65.4067

Sweetspot

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



195.5030, 0.7380, 43.4089



239.7890, 0.1040, 13.3400



192.9020, 25.6843, 22.0109



118.1690, 0.4097, 8.6218



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.



195.5030, 0.7380, 43.4089



192.9820, 0.9949, 54.3898



198.2950, -13.9494, 40.9603



114.1580, 0.4151, 6.8774



63.2520, 1.8478, 107.6500



20.0350, 0.4757, 34.1723

Inverse Universe

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



195.5030, 0.7380, 43.4089



192.9820, 0.9949, 54.3898



216.7050, 13.9494, -40.9603



114.1580, 0.4151, 6.8774



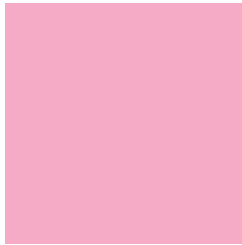
63.2520, 1.8478, 107.6500



20.0350, 0.4757, 34.1723

Previews

White Background



This preview shows how the YUV color 195.5030, 0.7380, 43.4089 looks on a white background.

Color Contrast Check

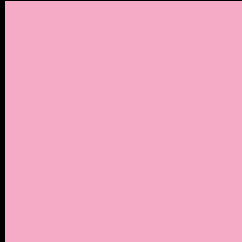
Large Text (above 18pt) WCAG AA × Fail

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 195.5030, 0.7380, 43.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

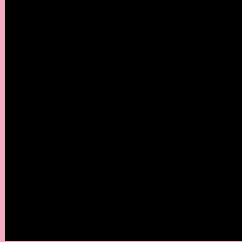
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.5030, 0.7380, 43.4089

Background



This preview shows how black text looks on a background with the YUV color 195.5030, 0.7380, 43.4089.



This preview shows how white text looks on a background with the YUV color 195.5030, 0.7380,

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

195.5030, 0.7380, 43.4089

Protanopia

192.1660, 8.2992, -1.8996

Deuteranopia

193.7890, 0.1040, 13.3400



Tritanopia

195.0100, -4.9349, 42.9642

Trichromacy



Original Color

195.5030, 0.7380, 43.4089

Protanomaly

193.5810, 5.6296, 14.3995

Deuteranomaly

194.2680, 0.3609, 24.3210

Tritanomaly

194.8790, -2.8983, 43.0791

Monochromacy



Original Color

195.5030, 0.7380, 43.4089

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.0990, -0.0488, 15.6992

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.5030, 0.7380, 43.4089 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(245, 170, 197)` looks like.

```
.text, #text, p{  
    color:rgb(245, 170, 197)  
}
```

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(245, 170, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 170, 197) }
```

Border

The CSS property to change the border of an element to YUV 195.5030, 0.7380, 43.4089 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(245, 170, 197) }
```


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

```
.border{ border-color:rgb(245, 170, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 170, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 170, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 170, 197);  
box-shadow:4px 4px 4px 4px rgb(245, 170,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 195.5030, 0.7380, 43.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 170, 197) }
```

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

```
.background{ background-color: rgb(245,  
170, 197) }
```

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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