

Converting Colors

YUV(198.4300, 8.1690, 39.9649)

Have a look what the booklet for
YUV(198.4300, 8.1690, 39.9649)
contains.

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Color

**YUV(198.4300, 8.1690,
39.9649)**

Conversions

Conversions Part 1

Format	Color
Hex	F4ACD7
RGB	244, 172, 215
RGB Percent	96%, 67%, 84%
CMY	0.0431, 0.3255, 0.1569
CMYK	0.00, 0.30, 0.12, 0.04
HSL	324°, 77%, 82%
HSV	324°, 30%, 96%
XYZ	64.3265, 53.6444, 71.2540
YIQ	198.4300, 29.1090, 28.6370

Conversions

Conversions Part 2

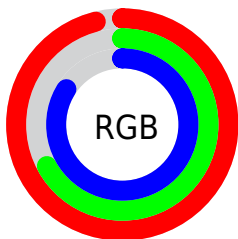
Format	Color
R_{YB}	244, 172, 215
Decimal	16035031
CIE _{Lab}	78.25, 32.72, -11.13
CIE _{LCh}	78, 34.564, 341.212
Yxy	53.6444, 0.3399, 0.2835
Android (android.graphics.Color)	4294225111 (0xFFF4ACD7)
YUV	198.4300, 8.1690, 39.9649
Hunter-Lab	73.2424, 28.5969, -6.4108

Details

The YUV color **198.4300, 8.1690, 39.9649** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **217.5700, -8.1690, -39.9649**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1510, 7.8136, 13.8996**, and **144.0060, 7.8850, 37.7057** is the 20% darker color. If you saturate the color by 10%, you get **183.2020, 10.7464, 53.3198**, and if you desaturate by 10%, it is **213.6580, 5.5916, 26.6099**.

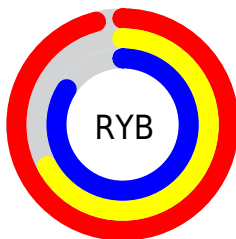
Distribution



Red (96%)

Green (67%)

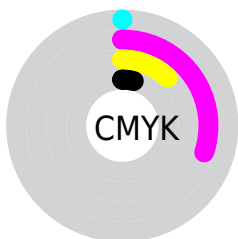
Blue (84%)



Red (96%)

Yellow (67%)

Blue (84%)

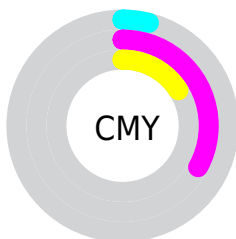


Cyan (0%)

Magenta (30%)

Yellow (12%)

Black (4%)



Cyan (4%)

Magenta (33%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.4300, 8.1690, 39.9649 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 198.4300, 8.1690, 39.9649 by changing the saturation by 10% instead.


 198.4300, 8.1690,
39.9649

 198.4300, 8.1690,
39.9649

255.0000, 0.0000,
0.0000


 170.7180, 8.0270,
38.8353


 239.1510, 7.8136,
13.8996

 144.0060, 7.8850,
37.7057

 117.4080, 8.1799,
36.4762

 92.3970, 8.1853,
34.7318

 67.0980, 8.3327,
34.1171

 42.9130, 8.9169,
33.4023

 21.1900, 8.7803,

30.5284

12.6310, 3.1399,
19.6176

0.0000, 0.0000,
0.0000

198.4300, 8.1690,
39.9649

198.4300, 8.1690,
39.9649

183.2020, 10.7464,
53.3198

213.6580, 5.5916,
26.6099

167.3870, 13.6132,
67.1896

229.4730, 2.7248,
12.7402

152.2730, 16.6274,
80.4446

244.5870, -0.2894,
-0.5148

136.4580, 19.4942,
94.3143

251.5970, 1.1847,
-6.6626

■ 121.2300, 22.0716,
107.6693

■ 251.7110, 1.6215,
-6.7625

■ 106.0020, 24.6490,
121.0242

■ 90.1870, 27.5158,
134.8940

■ 89.6000, 27.8052,
135.4088

Harmonies

Analogous

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



197.5220, 21.9277, 13.5742



198.4300, 8.1690, 39.9649



196.1960, -6.9986, 51.5711

Triad

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



198.4300, 8.1690, 39.9649



190.2810, -29.7185, 12.0316



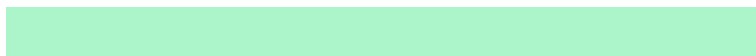
175.7850, 29.1930, -76.9874

Complementary

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



198.4300, 8.1690, 39.9649



217.5700, -8.1690, -39.9649

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.



176.2300, 14.1836, -69.4847



198.4300, 8.1690, 39.9649



186.3960, -20.9012, -16.1333

Square

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



198.4300, 8.1690, 39.9649



193.7230, -29.9364, 35.3229



181.7480, -4.8058, -45.3830



183.7090, 34.6535, -54.9958

Rectangle

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



198.4300, 8.1690, 39.9649



195.6770, -16.6028, 52.0263



181.7480, -4.8058, -45.3830



174.7480, 25.2672, -77.8320

Sweetspot

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



198.4300, 8.1690, 39.9649



240.4730, 2.7248, 12.7402



188.8790, 27.1747, 10.6301



118.5110, 1.7201, 8.3219



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.



198.4300, 8.1690, 39.9649



198.6530, 10.0311, 49.4163



194.3260, -7.5557, 43.5641



114.3860, 1.2887, 6.6775



68.2680, 21.0669, 103.2510



21.6310, 6.5909, 32.7726

Inverse Universe

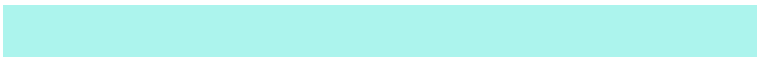
The Inverse Universe completely reimagines the original color for something new.



198.4300, 8.1690, 39.9649



198.6530, 10.0311, 49.4163



221.6740, 7.5557, -43.5641



114.3860, 1.2887, 6.6775



68.2680, 21.0669, 103.2510



21.6310, 6.5909, 32.7726

Previews

White Background



This preview shows how the YUV color 198.4300, 8.1690, 39.9649 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 198.4300, 8.1690, 39.9649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

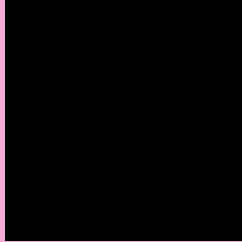
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.4300, 8.1690, 39.9649

Background



This preview shows how black text looks on a background with the YUV color 198.4300, 8.1690, 39.9649.



This preview shows how white text looks on a background with the YUV color 198.4300, 8.1690,

39.9649.

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

198.4300, 8.1690, 39.9649

Protanopia

194.6090, 16.4618, -6.6731

Deuteranopia

196.1070, 7.8352, 6.9222



Tritanopia

197.0310, -3.4663, 38.5608

Trichromacy



Original Color

198.4300, 8.1690, 39.9649



Protanomaly

196.2090, 13.2080, 10.3407



Deuteranomaly

197.1840, 7.7973, 19.1326



Tritanomaly

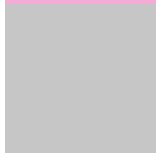
197.7690, 0.6069, 38.7906

Monochromacy



Original Color

198.4300, 8.1690, 39.9649



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.4840, 2.7194, 14.4845

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4300, 8.1690, 39.9649 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(244, 172, 215)` looks like.

```
.text, #text, p{  
    color:rgb(244, 172, 215)  
}
```

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(244, 172, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 172, 215) }
```

Border

The CSS property to change the border of an element to YUV 198.4300, 8.1690, 39.9649 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(244, 172, 215) }
```


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

```
.border{ border-color:rgb(244, 172, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 172, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 172, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 172, 215);  
box-shadow:4px 4px 4px 4px rgb(244, 172,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 198.4300, 8.1690, 39.9649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 172, 215) }
```

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

```
.background{ background-color: rgb(244,  
172, 215) }
```

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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