

Converting Colors

YUV(198.4390, 14.5736,
39.0800)

Have a look what the booklet for
YUV(198.4390, 14.5736, 39.0800)
contains.

YUV(198.4390, 14.5736, 39.0800)	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(198.4390, 14.5736,
39.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	F3AAE4
RGB	243, 170, 228
RGB Percent	95%, 67%, 89%
CMY	0.0471, 0.3333, 0.1059
CMYK	0.00, 0.30, 0.06, 0.05
HSL	312°, 75%, 81%
HSV	312°, 30%, 95%
XYZ	65.3405, 53.4056, 80.2633
YIQ	198.4390, 24.8900, 33.5140

Conversions

Conversions Part 2

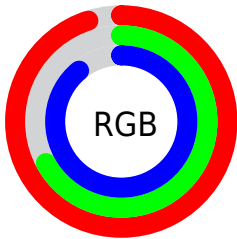
Format	Color
R _Y B	243, 170, 228
Decimal	15968996
CIE Lab	78.11, 35.62, -18.40
CIE LCh	78, 40.094, 332.677
Yxy	53.4056, 0.3283, 0.2684
Android (android.graphics.Color)	4294159076 (0xFFF3AAE4)
YUV	198.4390, 14.5736, 39.0800
Hunter-Lab	73.0791, 31.7094, -13.9632

Details

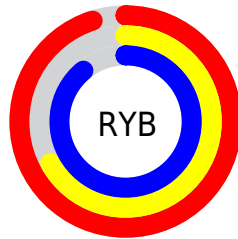
The YUV color $198.4390, 14.5736, 39.0800$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $214.5610, -14.5736, -39.0800$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.9770, 8.3923, 14.9292$, and $143.9010, 13.8528, 36.9208$ is the 20% darker color. If you saturate the color by 10%, you get $183.7810, 19.3350, 51.9351$, and if you desaturate by 10%, it is $213.0970, 9.8122, 26.2249$.

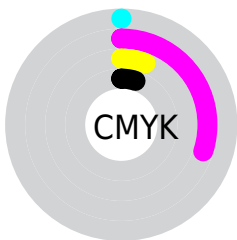
Distribution



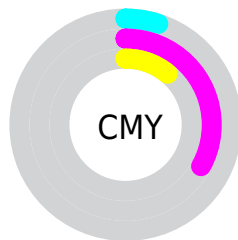
- Red (95%)
- Green (67%)
- Blue (89%)



- Red (95%)
- Yellow (67%)
- Blue (89%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (5%)




- Cyan (5%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 198.4390, 14.5736, 39.0800 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 198.4390, 14.5736, 39.0800 by changing the saturation by 10% instead.


 198.4390, 14.5736,
39.0800


 198.4390, 14.5736,
39.0800


255.0000, 0.0000,
0.0000


 170.7270, 14.4316,
37.9504


 237.9770, 8.3923,
14.9292

 143.9010, 13.8528,
36.9208

 117.3030, 14.1476,
35.6913

 91.5910, 14.0056,
34.5617

 66.8790, 13.8637,
33.4321

 41.9930, 14.3005,
33.3321

 22.0310, 13.2957,

28.9138

■ 13.6570, 7.0711,
18.7178

■ 0.0000, 0.0000,
0.0000

■ 198.4390, 14.5736,
39.0800

■ 198.4390, 14.5736,
39.0800

■ 183.7810, 19.3350,
51.9351

■ 213.0970, 9.8122,
26.2249

■ 168.5360, 24.3858,
65.3049

■ 228.3420, 4.7614,
12.8551

■ 153.8780, 29.1471,
78.1600

■ 243.0000, 0.0000,
0.0000

■ 139.2200, 33.9085,
91.0151

■ 250.6140, -1.2887,
-6.6775

■ 124.5620, 38.6699,
103.8701

■ 251.1840, 0.8953,
-7.1774

■ 109.3170, 43.7207,
117.2400

■ 251.4120, 1.7689,
-7.3773

■ 94.6590, 48.4821,
130.0951

Harmonies

Analogous

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



196.3020, 28.9381, 4.9971



198.4390, 14.5736, 39.0800



194.2870, -1.6205, 53.2453

Triad

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



198.4390, 14.5736, 39.0800



190.4410, -35.7134, 21.5382



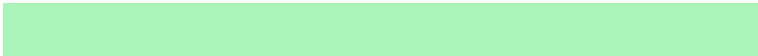
163.7490, 33.6477, -105.8969

Complementary

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



198.4390, 14.5736, 39.0800



214.5610, -14.5736, -39.0800

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.



171.4800, 11.5954, -79.3510



198.4390, 14.5736, 39.0800



186.1920, -28.1957, -9.8154

Square

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



198.4390, 14.5736, 39.0800



193.2190, -32.1530, 46.2889



180.4510, -11.0683, -43.3685



174.5100, 39.6816, -81.1313

Rectangle

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



198.4390, 14.5736, 39.0800



192.6110, -13.1192, 54.7152



180.4510, -11.0683, -43.3685



165.4740, 27.3743, -100.3937

Sweetspot

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



198.4390, 14.5736, 39.0800



240.9290, 4.4720, 12.3403



182.8070, 29.6751, 1.9233



118.8530, 3.0305, 8.0219



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.



198.4390, 14.5736, 39.0800



198.8300, 18.3248, 49.2611



194.3350, -1.1512, 42.6792



114.7280, 2.5991, 6.3775



72.4860, 37.2284, 99.5518



22.9990, 11.8325, 31.5729

Inverse Universe

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



198.4390, 14.5736, 39.0800



198.8300, 18.3248, 49.2611



218.6650, 1.1512, -42.6792



114.7280, 2.5991, 6.3775



72.4860, 37.2284, 99.5518



22.9990, 11.8325, 31.5729

Previews

White Background



This preview shows how the YUV color 198.4390, 14.5736, 39.0800 looks on a white background.

Color Contrast Check

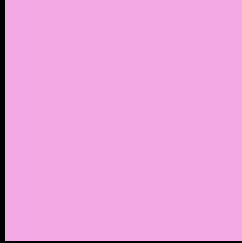
Large Text (above 18pt) WCAG AA × Fail

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 198.4390, 14.5736, 39.0800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

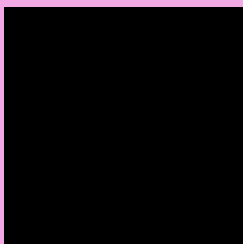
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.4390, 14.5736, 39.0800

Background



This preview shows how black text looks on a background with the YUV color 198.4390, 14.5736, 39.0800.



This preview shows how white text looks on a background with the YUV color 198.4390, 14.5736,

39.0800.

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

198.4390, 14.5736, 39.0800

Protanopia

194.5250, 23.8982, -11.8614

Deuteranopia

195.4960, 14.5455, 1.3190



Tritanopia

196.8350, -2.8767, 36.1017

Trichromacy



Original Color

198.4390, 14.5736, 39.0800



Protanomaly

196.1360, 20.6390, 6.8967



Deuteranomaly

196.5840, 14.5021, 15.2738



Tritanomaly

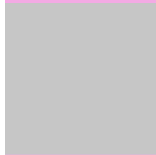
197.1540, 3.3751, 37.5759

Monochromacy



Original Color

198.4390, 14.5736, 39.0800



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

198.1680, 5.3402, 13.8847

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4390, 14.5736, 39.0800 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(243, 170, 228)` looks like.

```
.text, #text, p{  
    color:rgb(243, 170, 228)  
}
```

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(243, 170, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 170, 228) }
```

Border

The CSS property to change the border of an element to YUV 198.4390, 14.5736, 39.0800 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(243, 170, 228) }
```


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

```
.border{ border-color:rgb(243, 170, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 170, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 170, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 170, 228);  
box-shadow:4px 4px 4px 4px rgb(243, 170,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 198.4390, 14.5736, 39.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 170, 228) }
```

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

```
.background{ background-color: rgb(243,  
170, 228) }
```

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