

Converting Colors

YUV(208.9100, -36.9306,
38.6669)

Have a look what the booklet for
YUV(208.9100, -36.9306, 38.6669)
contains.

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Color

**YUV(208.9100, -36.9306,
38.6669)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC986
RGB	253, 201, 134
RGB Percent	99%, 79%, 53%
CMY	0.0078, 0.2118, 0.4745
CMYK	0.00, 0.21, 0.47, 0.01
HSL	34°, 97%, 76%
HSV	34°, 47%, 99%
XYZ	65.6977, 64.3772, 31.5176
YIQ	208.9100, 52.4990, -9.8130

Conversions

Conversions Part 2

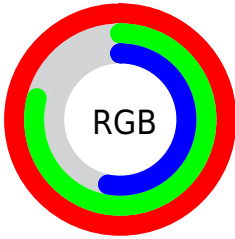
Format	Color
RYB	226, 253, 134
Decimal	16632198
CIELab	84.16, 10.35, 40.39
CIELCh	84, 41.698, 75.621
Yxy	64.3772, 0.4066, 0.3984
Android (android.graphics.Color)	4294822278 (0xFFFDC986)
YUV	208.9100, -36.9306, 38.6669
Hunter-Lab	80.2354, 5.7461, 32.8748

Details

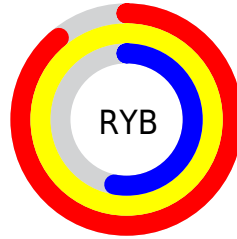
The YUV color $208.9100, -36.9306, 38.6669$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $178.0900, 36.9306, -38.6669$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.3620, -29.2655, 6.6985$, and $153.7570, -34.8832, 35.2931$ is the 20% darker color. If you saturate the color by 10%, you get $199.6030, -44.6673, 46.8292$, and if you desaturate by 10%, it is $218.2170, -29.1940, 30.5047$.

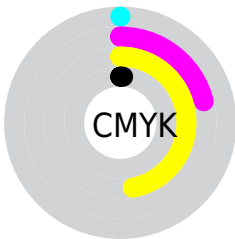
Distribution



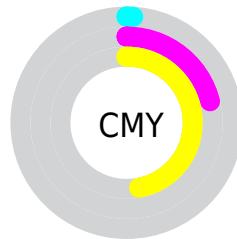
- Red (99%)
- Green (79%)
- Blue (53%)



- Red (89%)
- Yellow (99%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (47%)
- Black (1%)



- Cyan (1%)
- Magenta (21%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 208.9100, -36.9306, 38.6669 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 208.9100, -36.9306, 38.6669 by changing the saturation by 10% instead.

208.9100,
-36.9306, 38.6669

208.9100,
-36.9306, 38.6669

255.0000, 0.0000,
0.0000

181.1270,
-36.0516, 36.7226

247.3620,
-29.2655, 6.6985

153.7570,
-34.8832, 35.2931

250.5540,
-17.0351, 3.8991

127.0880,
-33.5674, 33.2488

253.8600, -4.3680,
0.9998

101.7780,
-33.4146, 30.8897

76.6530, -33.8459,
29.2453

54.4660, -26.8517,
25.9013

34.0660, -16.7945,

20.1131

■ 13.3890, -6.6008,
17.1988

■ 0.0000, 0.0000,
0.0000

■ 208.9100,
-36.9306, 38.6669

■ 208.9100,
-36.9306, 38.6669

■ 199.6030,
-44.6673, 46.8292

■ 218.2170,
-29.1940, 30.5047

■ 190.1820,
-52.8407, 55.0914

■ 227.6380,
-21.0205, 22.2425

■ 180.8750,
-60.5774, 63.2536

■ 236.9450,
-13.2839, 14.0802

■ 171.5680,
-68.3140, 71.4159

■ 246.2520, -5.5472,
5.9180

■ 162.1470,
-76.4875, 79.6781

254.4020, 0.2948,
-1.2296

■ 159.0010,
-78.3875, 82.4371

Harmonies

Analogous

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



204.2710, -24.2906, 44.4893



208.9100, -36.9306, 38.6669



205.3640, -35.6755, 9.3278

Triad

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



208.9100, -36.9306, 38.6669



183.9430, 22.7061, -96.4200



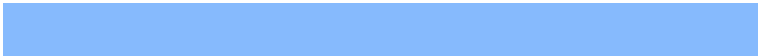
213.5340, 20.4427, 23.2107

Complementary

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



208.9100, -36.9306, 38.6669



178.0900, 36.9306, -38.6669

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.



206.4920, 23.9144, -17.0945



208.9100, -36.9306, 38.6669



182.6400, 35.6735, -102.2933

Square

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



208.9100, -36.9306, 38.6669



193.3330, -2.1362, -61.6820



194.4000, 29.8758, -62.6178



209.4130, 10.6424, 39.9798

Rectangle

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



208.9100, -36.9306, 38.6669



202.1700, -28.1848, -13.3041



194.4000, 29.8758, -62.6178



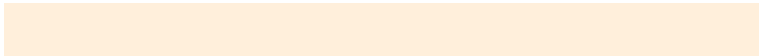
211.6850, 21.3543, 10.8003

Sweetspot

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



208.9100, -36.9306, 38.6669



241.5040, -11.0945, 11.8360



175.7370, 6.0457, 67.7597



119.6220, -6.7156, 7.3475



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.



208.9100, -36.9306, 38.6669



202.3040, -44.5199, 46.2144



237.6400, -51.0945, 8.2087



122.9960, -3.9420, 4.3885



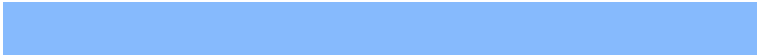
120.5050, -59.4090, 61.8241



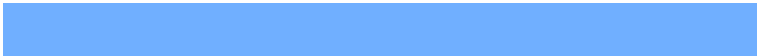
40.2680, -19.8521, 20.8130

Inverse Universe

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



178.0900, 36.9306, -38.6669



165.2830, 44.2305, -46.7292



149.3600, 51.0945, -8.2087



119.4170, 4.2314, -3.8737



71.0820, 59.1196, -62.3389



23.7320, 19.8521, -20.8130

Previews

White Background



This preview shows how the YUV color 208.9100, -36.9306, 38.6669 looks on a white background.

Color Contrast Check

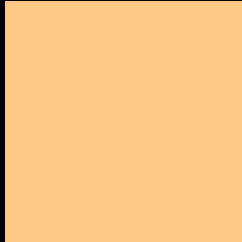
Large Text (above 18pt) WCAG AA × Fail

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 208.9100, -36.9306, 38.6669 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 208.9100, -36.9306, 38.6669

Background



This preview shows how black text looks on a background with the YUV color 208.9100, -36.9306, 38.6669.



This preview shows how white text looks on a background with the YUV color 208.9100, -36.9306,

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

208.9100, -36.9306, 38.6669

Protanopia

207.1740, -34.1028, 18.2644

Deuteranopia

208.9100, -36.9306, 38.6669



Tritanopia

213.7210, -3.3135, 36.2017

Trichromacy



Original Color

208.9100, -36.9306, 38.6669

Protanomaly

207.9900, -34.9981, 25.4418

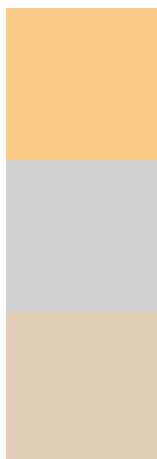
Deuteranomaly

208.9100, -36.9306, 38.6669

Tritanomaly

212.1050, -15.8278, 36.7419

Monochromacy



Original Color

208.9100, -36.9306, 38.6669

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.9450, -13.2839, 14.0802

CSS Examples

Text

The CSS property to change the color of the text to YUV 208.9100, -36.9306, 38.6669 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(253, 201, 134)` looks like.

```
.text, #text, p{  
    color:rgb(253, 201, 134)  
}
```

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(253, 201, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 201, 134) }
```

Border

The CSS property to change the border of an element to YUV 208.9100, -36.9306, 38.6669 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(253, 201, 134) }
```


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

```
.border{ border-color:rgb(253, 201, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 201, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 201, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 201, 134);  
box-shadow:4px 4px 4px 4px rgb(253, 201,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 208.9100, -36.9306, 38.6669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 201, 134) }
```

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

```
.background{ background-color: rgb(253,  
201, 134) }
```

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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