

Converting Colors

YUV(196.7300, -33.8839,
41.4558)

Have a look what the booklet for
YUV(196.7300, -33.8839, 41.4558)
contains.

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Color

**YUV(196.7300, -33.8839,
41.4558)**

Conversions

Conversions Part 1

Format	Color
Hex	F4BA80
RGB	244, 186, 128
RGB Percent	96%, 73%, 50%
CMY	0.0431, 0.2706, 0.4980
CMYK	0.00, 0.24, 0.48, 0.04
HSL	30°, 84%, 73%
HSV	30°, 48%, 96%
XYZ	58.7634, 55.9094, 28.1165
YIQ	196.7300, 53.1860, -5.7420

Conversions

Conversions Part 2

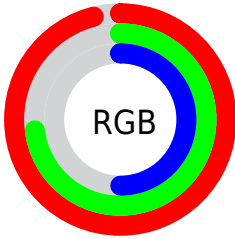
Format	Color
RYB	244, 244, 128
Decimal	16038528
CIELab	79.56, 14.04, 37.40
CIELCh	80, 39.953, 69.419
Yxy	55.9094, 0.4115, 0.3916
Android (android.graphics.Color)	4294228608 (0xFFFF4BA80)
YUV	196.7300, -33.8839, 41.4558
Hunter-Lab	74.7726, 9.4302, 30.0462

Details

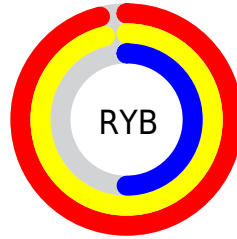
The YUV color $196.7300, -33.8839, 41.4558$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $175.2700, 33.8839, -41.4558$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.0470, -28.1242, 13.9908$, and $142.2780, -31.6891, 37.4672$ is the 20% darker color. If you saturate the color by 10%, you get $186.9500, -40.8943, 50.0329$, and if you desaturate by 10%, it is $206.5100, -26.8734, 32.8787$.

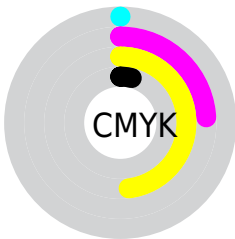
Distribution



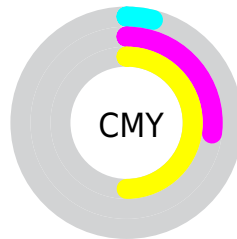
- Red (96%)
- Green (73%)
- Blue (50%)



- Red (96%)
- Yellow (96%)
- Blue (50%)



- Cyan (0%)
- Magenta (24%)
- Yellow (48%)
- Black (4%)



- Cyan (4%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.7300, -33.8839, 41.4558 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 196.7300, -33.8839, 41.4558 by changing the saturation by 10% instead.

196.7300,
-33.8839, 41.4558

196.7300,
-33.8839, 41.4558

255.0000, 0.0000,
0.0000

168.9470,
-33.0049, 39.5115

239.0470,
-28.1242, 13.9908

142.2780,
-31.6891, 37.4672

249.7560,
-20.0927, 4.5990

116.4950,
-30.8100, 35.5229

253.0620, -7.4256,
1.6996

90.7120, -29.9310,
33.5786

66.2880, -30.2150,
31.3194

44.7310, -22.0524,
26.5459

25.2170, -12.4320,

20.8577

■ 7.5890, -3.2484,
15.2694

■ 0.0000, 0.0000,
0.0000

■ 196.7300,
-33.8839, 41.4558

■ 196.7300,
-33.8839, 41.4558

■ 186.9500,
-40.8943, 50.0329

■ 206.5100,
-26.8734, 32.8787

■ 177.0560,
-48.3416, 58.7099

■ 216.4040,
-19.4262, 24.2017

■ 166.6890,
-55.0627, 67.8017

■ 226.7710,
-12.7051, 15.1098

■ 156.7950,
-62.5099, 76.4788

■ 236.6650, -5.2578,
6.4328

■ 147.0150,
-69.5204, 85.0558

■ 246.4450, 1.7526,
-2.1443

■ 144.5700,
-71.2730, 87.2001

■ 251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



195.7110, -21.5495, 51.9965



196.7300, -33.8839, 41.4558



193.9240, -34.9655, 14.9757

Triad

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



196.7300, -33.8839, 41.4558



173.8150, 16.8532, -85.7838



201.3740, 26.4376, 13.7040

Complementary

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



196.7300, -33.8839, 41.4558



175.2700, 33.8839, -41.4558

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.



193.4460, 30.3461, -26.7011



196.7300, -33.8839, 41.4558



170.0530, 35.9629, -101.7785

Square

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



196.7300, -33.8839, 41.4558



182.6610, -6.2419, -51.4457



181.6640, 36.1546, -69.8653



202.4460, 10.6261, 45.2129

Rectangle

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



196.7300, -33.8839, 41.4558



190.8720, -29.5169, -6.0267



181.6640, 36.1546, -69.8653



199.5250, 27.3492, 1.2936

Sweetspot

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



196.7300, -33.8839, 41.4558



240.3300, -10.5157, 12.8656



169.2960, 8.2351, 65.5154



119.0350, -6.4263, 7.8623



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.



196.7300, -33.8839, 41.4558



195.6190, -42.2102, 52.0771



229.6020, -50.0898, 12.6270



117.1100, -3.5052, 4.2885



110.2050, -54.3311, 66.4722



34.6640, -17.0894, 21.3427

Inverse Universe

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



175.2700, 33.8839, -41.4558



168.7940, 42.4996, -51.5623



141.2240, 50.6686, -11.5974



114.8900, 3.5052, -4.2885



75.7950, 54.3311, -66.4722



23.7490, 17.3787, -20.8279

Previews

White Background



This preview shows how the YUV color 196.7300, -33.8839, 41.4558 looks on a white background.

Color Contrast Check

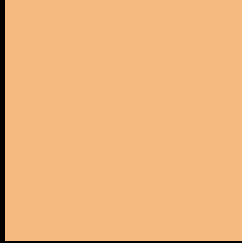
Large Text (above 18pt) WCAG AA × Fail

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 196.7300, -33.8839, 41.4558 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 196.7300, -33.8839, 41.4558 Background



This preview shows how black text looks on a background with the YUV color 196.7300, -33.8839, 41.4558.



This preview shows how white text looks on a background with the YUV color 196.7300, -33.8839,

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

196.7300, -33.8839, 41.4558

Protanopia

194.7870, -30.4610, 16.8498

Deuteranopia

196.5830, -34.3044, 36.3227



Tritanopia

201.1240, -4.4981, 42.8643

Trichromacy



Original Color

196.7300, -33.8839, 41.4558

Protanomaly

195.5000, -31.7985, 25.8715

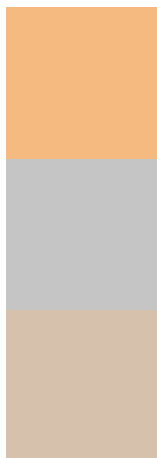
Deuteranomaly

196.5940, -34.3098, 38.0671

Tritanomaly

199.6650, -15.1178, 42.3898

Monochromacy



Original Color

196.7300, -33.8839, 41.4558

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.8850, -12.2683, 15.0099

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.7300, -33.8839, 41.4558 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, 186, 128)` looks like.

```
.text, #text, p{  
    color:rgb(244, 186, 128)  
}
```

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, 186, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 186, 128) }
```

Border

The CSS property to change the border of an element to YUV 196.7300, -33.8839, 41.4558 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, 186, 128) }
```


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

```
.border{ border-color:rgb(244, 186, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 186, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 186, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 186, 128);  
box-shadow:4px 4px 4px 4px rgb(244, 186,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 196.7300, -33.8839, 41.4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 186, 128) }
```

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

```
.background{ background-color: rgb(244,  
186, 128) }
```

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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