

Converting Colors

YUV(198.6230, -38.2681,
47.6886)

Have a look what the booklet for
YUV(198.6230, -38.2681, 47.6886)
contains.

YUV(198.6230, -38.2681, 47.6886)	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(198.6230, -38.2681,
47.6886)**

Conversions

Conversions Part 1

Format	Color
Hex	FDBA79
RGB	253, 186, 121
RGB Percent	99%, 73%, 47%
CMY	0.0078, 0.2706, 0.5255
CMYK	0.00, 0.26, 0.52, 0.01
HSL	30°, 97%, 73%
HSV	30°, 52%, 99%
XYZ	61.5181, 57.3809, 25.9224
YIQ	198.6230, 60.7970, -6.0110

Conversions

Conversions Part 2

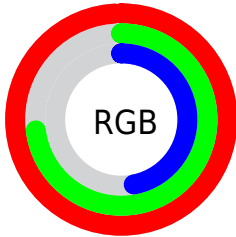
Format	Color
R _Y B	253, 249, 121
Decimal	16628345
CIE Lab	80.39, 17.02, 42.24
CIE LCh	80, 45.538, 68.057
Yxy	57.3809, 0.4248, 0.3962
Android (android.graphics.Color)	4294818425 (0xFFFD8A79)
YUV	198.6230, -38.2681, 47.6886
Hunter-Lab	75.7502, 12.4002, 32.7355

Details

The YUV color $198.6230, -38.2681, 47.6886$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $175.3770, 38.2681, -47.6886$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.1350, -31.6186, 14.7906$, and $143.8720, -35.9259, 43.0853$ is the 20% darker color. If you saturate the color by 10%, you get $188.1420, -45.4260, 56.8805$, and if you desaturate by 10%, it is $209.1040, -31.1103, 38.4968$.

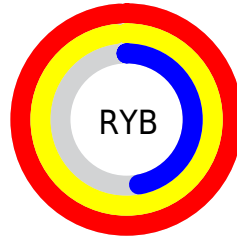
Distribution



Red (99%)

Green (73%)

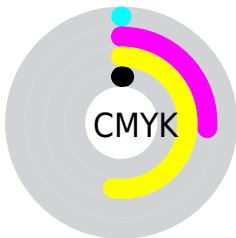
Blue (47%)



Red (99%)

Yellow (98%)

Blue (47%)

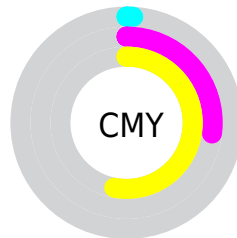


Cyan (0%)

Magenta (26%)

Yellow (52%)

Black (1%)



Cyan (1%)

Magenta (27%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.6230, -38.2681, 47.6886 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 198.6230, -38.2681, 47.6886 by changing the saturation by 10% instead.

198.6230,
-38.2681, 47.6886

198.6230,
-38.2681, 47.6886

255.0000, 0.0000,
0.0000

170.8400,
-37.3891, 45.7443

238.1350,
-31.6186, 14.7906

143.8720,
-35.9259, 43.0853

248.9580,
-23.1503, 5.2988

117.6760,
-35.3363, 40.6261

252.1500,
-10.9200, 2.4994

91.8930, -34.4572,
38.6818

67.5120, -33.2834,
35.5080

46.5250, -22.9368,
30.2346

26.1250, -12.8796,

24.4464

■ 9.6820, -4.2802,
19.5729

■ 0.0000, 0.0000,
0.0000

■ 198.6230,
-38.2681, 47.6886

■ 198.6230,
-38.2681, 47.6886

■ 188.1420,
-45.4260, 56.8805

■ 209.1040,
-31.1103, 38.4968

■ 177.5470,
-53.0207, 66.1723

■ 219.6990,
-23.5156, 29.2050

■ 167.0660,
-60.1785, 75.3641

■ 230.1800,
-16.3577, 20.0131

■ 157.1720,
-67.6258, 84.0412

■ 240.0740, -8.9105,
11.3361

149.0220,
-73.4678, 91.1887

250.6690, -1.3158,
2.0443

254.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



194.1950, -22.2811, 53.3260



198.6230, -38.2681, 47.6886



195.5670, -40.2125, 17.9197

Triad

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



198.6230, -38.2681, 47.6886



166.2140, 21.5865, -110.6897



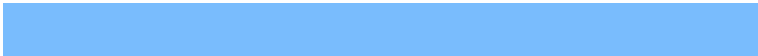
202.5590, 25.8534, 14.4188

Complementary

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



198.6230, -38.2681, 47.6886



175.3770, 38.2681, -47.6886

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.



192.8150, 30.6572, -33.1638



198.6230, -38.2681, 47.6886



157.7540, 45.9703, -138.3503

Square

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



198.6230, -38.2681, 47.6886



182.1610, -7.9674, -58.0232



174.7430, 39.5667, -90.9826



202.4830, 14.5519, 46.0574

Rectangle

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



198.6230, -38.2681, 47.6886



192.3190, -34.1743, -5.5418



174.7430, 39.5667, -90.9826



199.8130, 27.2072, 0.1640

Sweetspot

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



198.6230, -38.2681, 47.6886



237.9990, -11.8315, 14.9099



168.2200, 10.2445, 74.3521



117.5190, -7.1579, 9.1918



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.



198.6230, -38.2681, 47.6886



188.5120, -46.5944, 58.3100



236.7780, -57.0786, 14.2267



122.4090, -3.6526, 4.9033



112.2870, -55.3575, 69.0313



37.3330, -18.4052, 23.3870

Inverse Universe

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



175.3770, 38.2681, -47.6886



160.4880, 46.5944, -58.3100



137.2220, 57.0786, -14.2267



120.0040, 3.9420, -4.3885



78.7130, 55.3575, -69.0313



26.0800, 18.6946, -22.8722

Previews

White Background



This preview shows how the YUV color 198.6230, -38.2681, 47.6886 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 198.6230, -38.2681, 47.6886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

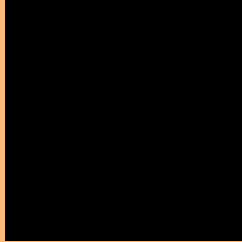
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.6230, -38.2681, 47.6886

Background



This preview shows how black text looks on a background with the YUV color 198.6230, -38.2681, 47.6886.



This preview shows how white text looks on a background with the YUV color 198.6230, -38.2681,

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

198.6230, -38.2681, 47.6886

Protanopia

196.9460, -34.9764, 18.4644

Deuteranopia

198.1550, -38.5304, 38.4521



Tritanopia

203.2060, -5.5246, 45.4233

Trichromacy



Original Color

198.6230, -38.2681, 47.6886

Protanomaly

197.6700, -36.3193, 29.2304

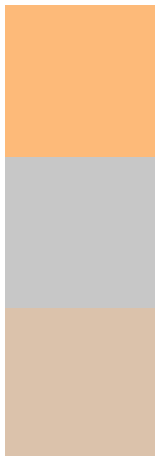
Deuteranomaly

198.1770, -38.5413, 41.9408

Tritanomaly

201.7040, -17.6021, 45.8636

Monochromacy



Original Color

198.6230, -38.2681, 47.6886

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

198.8530, -13.7315, 17.6689

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.6230, -38.2681, 47.6886 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, 186, 121)` looks like.

```
.text, #text, p{  
    color:rgb(253, 186, 121)  
}
```

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, 186, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 186, 121) }
```

Border

The CSS property to change the border of an element to YUV 198.6230, -38.2681, 47.6886 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, 186, 121) }
```


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

```
.border{ border-color:rgb(253, 186, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 186, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 186, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 186, 121);  
box-shadow:4px 4px 4px 4px rgb(253, 186,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 198.6230, -38.2681, 47.6886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 186, 121) }
```

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

```
.background{ background-color: rgb(253,  
186, 121) }
```

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