

Converting Colors

YUV(196.5680, -38.2410,
38.9669)

Have a look what the booklet for
YUV(196.5680, -38.2410, 38.9669)
contains.

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Color

**YUV(196.5680, -38.2410,
38.9669)**

Conversions

Conversions Part 1

Format	Color
Hex	F1BD77
RGB	241, 189, 119
RGB Percent	95%, 74%, 47%
CMY	0.0549, 0.2588, 0.5333
CMYK	0.00, 0.22, 0.51, 0.05
HSL	34°, 81%, 71%
HSV	34°, 51%, 95%
XYZ	57.8030, 56.4279, 25.2979
YIQ	196.5680, 53.4620, -10.7460

Conversions

Conversions Part 2

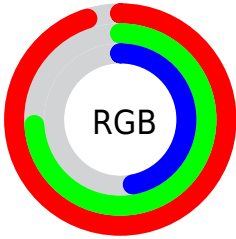
Format	Color
RYB	210, 241, 119
Decimal	15842679
CIELab	79.86, 10.44, 42.32
CIELCh	80, 43.587, 76.139
Yxy	56.4279, 0.4143, 0.4044
Android (android.graphics.Color)	4294032759 (0xFFFF1BD77)
YUV	196.5680, -38.2410, 38.9669
Hunter-Lab	75.1185, 5.8968, 32.6157

Details

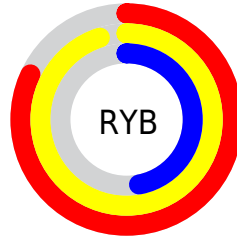
The YUV color **196.5680, -38.2410, 38.9669** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **163.4320, 38.2410, -38.9669**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.6680, -33.3603, 13.4462**, and **142.1160, -36.0462, 34.9783** is the 20% darker color. If you saturate the color by 10%, you get **187.9620, -45.8303, 46.5143**, and if you desaturate by 10%, it is **205.1740, -30.6518, 31.4194**.

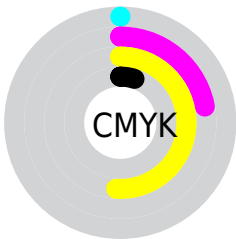
Distribution



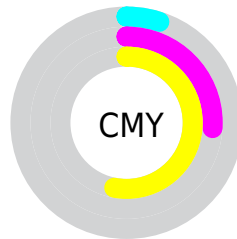
- Red (95%)
- Green (74%)
- Blue (47%)



- Red (82%)
- Yellow (95%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (51%)
- Black (5%)



- Cyan (5%)
- Magenta (26%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5680, -38.2410, 38.9669 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 196.5680, -38.2410, 38.9669 by changing the saturation by 10% instead.

196.5680,
-38.2410, 38.9669

196.5680,
-38.2410, 38.9669

255.0000, 0.0000,
0.0000

168.7850,
-37.3620, 37.0226

239.6680,
-33.3603, 13.4462

142.1160,
-36.0462, 34.9783

248.7300,
-24.0239, 5.4988

116.2190,
-35.6040, 33.1339

251.9220,
-11.7935, 2.6994

90.3220, -35.1617,
31.2896

66.5820, -32.8249,
28.4306

45.5950, -22.4783,
23.1572

26.0810, -12.8579,

17.4690

■ 6.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,
0.0000

■ 196.5680,
-38.2410, 38.9669

■ 196.5680,
-38.2410, 38.9669

■ 187.9620,
-45.8303, 46.5143

■ 205.1740,
-30.6518, 31.4194

■ 178.7690,
-53.1301, 54.5766

■ 214.3670,
-23.3519, 23.3571

■ 170.1630,
-60.7194, 62.1240

■ 222.9730,
-15.7627, 15.8097

■ 161.5570,
-68.3086, 69.6715

■ 231.5790, -8.1734,
8.2622

153.0650,
-75.4610, 77.1190

240.1850, -0.5842,
0.7148

248.4660, 3.2213,
-6.5477

250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



195.0440, -26.6437, 52.5814



196.5680, -38.2410, 38.9669



192.7230, -36.8384, 9.0129

Triad

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



196.5680, -38.2410, 38.9669



163.9730, 27.1283, -114.8633



202.9130, 25.6789, 23.7553

Complementary

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



196.5680, -38.2410, 38.9669



163.4320, 38.2410, -38.9669

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.



194.9740, 29.5928, -18.3942



196.5680, -38.2410, 38.9669



156.1610, 48.7276, -136.0762

Square

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



196.5680, -38.2410, 38.9669



179.2400, -1.1043, -65.9855



181.9630, 36.0072, -69.2506



199.8270, 9.4523, 48.3867

Rectangle

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



196.5680, -38.2410, 38.9669



189.9310, -29.0530, -14.8485



181.9630, 36.0072, -69.2506



200.7650, 26.7379, 10.7301

Sweetspot

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



196.5680, -38.2410, 38.9669



241.2760, -11.9681, 12.0359



161.5200, 5.1666, 69.7040



119.5080, -7.1524, 7.4475



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.



196.5680, -38.2410, 38.9669



198.4740, -49.0407, 49.5733



224.7000, -52.1101, 7.2791



115.6970, -3.7946, 3.7737



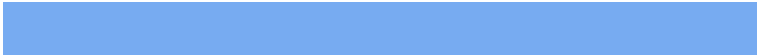
116.6510, -57.5089, 59.0651



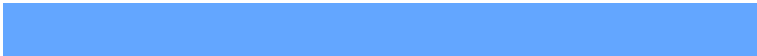
35.5280, -17.5153, 17.9539

Inverse Universe

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



163.4320, 38.2410, -38.9669



156.1130, 48.7513, -50.0881



135.3000, 52.1101, -7.2791



112.3030, 3.7946, -3.7737



66.7620, 57.7983, -58.5503



20.4720, 17.5153, -17.9539

Previews

White Background



This preview shows how the YUV color 196.5680, -38.2410, 38.9669 looks on a white background.

Color Contrast Check

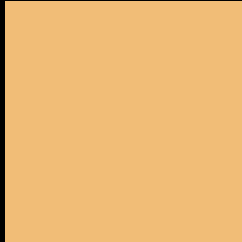
Large Text (above 18pt) WCAG AA × Fail

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 196.5680, -38.2410, 38.9669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

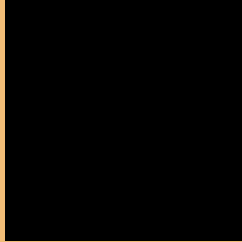
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.5680, -38.2410, 38.9669

Background



This preview shows how black text looks on a background with the YUV color 196.5680, -38.2410, 38.9669.



This preview shows how white text looks on a background with the YUV color 196.5680, -38.2410,

38.9669.

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

196.5680, -38.2410, 38.9669

Protanopia

194.7180, -35.8500, 18.6643

Deuteranopia

196.2690, -38.0936, 38.3521



Tritanopia

201.9280, -3.9085, 40.4051

Trichromacy



Original Color

196.5680, -38.2410, 38.9669

Protanomaly

195.5340, -36.7453, 25.8417

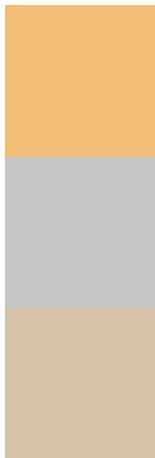
Deuteranomaly

196.2690, -38.0936, 38.3521

Tritanomaly

199.7140, -16.1280, 39.7158

Monochromacy



Original Color

196.5680, -38.2410, 38.9669

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.8310, -13.7207, 14.1802

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5680, -38.2410, 38.9669 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(241, 189, 119)` looks like.

```
.text, #text, p{  
    color:rgb(241, 189, 119)  
}
```

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(241, 189, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 189, 119) }
```

Border

The CSS property to change the border of an element to YUV 196.5680, -38.2410, 38.9669 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(241, 189, 119) }
```


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

```
.border{ border-color:rgb(241, 189, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 189, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 189, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 189, 119);  
box-shadow:4px 4px 4px 4px rgb(241, 189,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 196.5680, -38.2410, 38.9669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 189, 119) }
```

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

```
.background{ background-color: rgb(241,  
189, 119) }
```

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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