

Converting Colors

YUV(196.3100, -46.9878,
44.4551)

Have a look what the booklet for
YUV(196.3100, -46.9878, 44.4551)
contains.

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Color

**YUV(196.3100, -46.9878,
44.4551)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BD65
RGB	247, 189, 101
RGB Percent	97%, 74%, 40%
CMY	0.0314, 0.2588, 0.6039
CMYK	0.00, 0.23, 0.59, 0.03
HSL	36°, 90%, 68%
HSV	36°, 59%, 97%
XYZ	58.9043, 57.1089, 20.2305
YIQ	196.3100, 62.8160, -15.0720

Conversions

Conversions Part 2

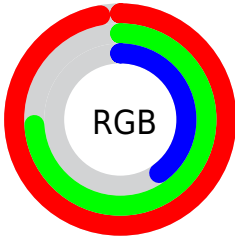
Format	Color
R _Y B	197, 247, 101
Decimal	16235877
CIE Lab	80.24, 11.46, 51.81
CIE LCh	80, 53.060, 77.527
Yxy	57.1089, 0.4323, 0.4192
Android (android.graphics.Color)	4294425957 (0xFFF7BD65)
YUV	196.3100, -46.9878, 44.4551
Hunter-Lab	75.5705, 6.8858, 37.0272

Details

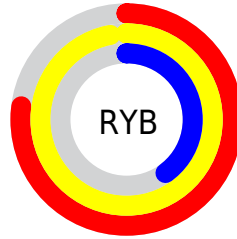
The YUV color $196.3100, -46.9878, 44.4551$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $151.6900, 46.9878, -44.4551$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.6160, -41.2227, 15.2458$, and $141.4450, -45.0824, 39.9517$ is the 20% darker color. If you saturate the color by 10%, you get $187.5900, -55.0139, 52.1026$, and if you desaturate by 10%, it is $205.0300, -38.9618, 36.8077$.

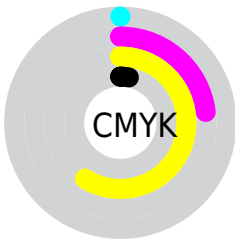
Distribution



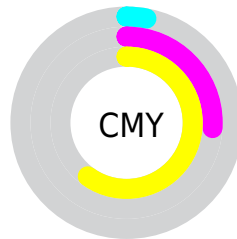
- Red (97%)
- Green (74%)
- Blue (40%)



- Red (77%)
- Yellow (97%)
- Blue (40%)



- Cyan (0%)
- Magenta (23%)
- Yellow (59%)
- Black (3%)



- Cyan (3%)
- Magenta (26%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.3100, -46.9878, 44.4551 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 196.3100, -46.9878, 44.4551 by changing the saturation by 10% instead.

196.3100,
-46.9878, 44.4551

196.3100,
-46.9878, 44.4551

255.0000, 0.0000,
0.0000

168.5270,
-46.1088, 42.5108

237.6160,
-41.2227, 15.2458

141.4450,
-45.0824, 39.9517

246.6780,
-31.8863, 7.2984

114.9070,
-45.8032, 37.7926

249.8700,
-19.6559, 4.4990

89.3520, -44.0505,
35.6483

253.1760, -6.9888,
1.5996

67.4790, -33.2671,
30.2749

46.1930, -22.7731,
24.3867

26.6790, -13.1527,

18.6985

■ 7.4750, -3.6852,
15.3694

■ 0.0000, 0.0000,
0.0000

■ 196.3100,
-46.9878, 44.4551

■ 196.3100,
-46.9878, 44.4551

■ 187.5900,
-55.0139, 52.1026

■ 205.0300,
-38.9618, 36.8077

■ 178.9840,
-62.6031, 59.6500

■ 213.6360,
-31.3725, 29.2602

■ 170.8510,
-70.9185, 66.7827

■ 221.7690,
-23.0571, 22.1276

■ 162.1310,
-78.9446, 74.4301

■ 230.4890,
-15.0311, 14.4801

161.3160,
-79.5288, 75.1449

239.2090, -7.0050,
6.8327

247.8150, 0.5842,
-0.7148

252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



191.2140, -31.1645, 55.9403



196.3100, -46.9878, 44.4551



191.9480, -44.8374, 7.9386

Triad

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



196.3100, -46.9878, 44.4551



157.9530, 34.0402, -138.5248



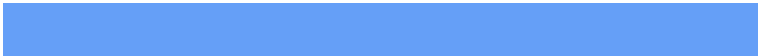
203.5550, 25.3624, 31.9623

Complementary

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



196.3100, -46.9878, 44.4551



151.6900, 46.9878, -44.4551

Split Complementary

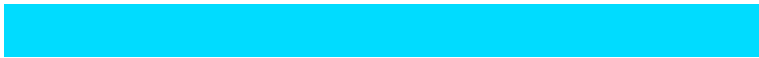
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



193.7780, 30.1824, -20.8533



196.3100, -46.9878, 44.4551



158.2100, 47.7175, -138.7502

Square

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



196.3100, -46.9878, 44.4551



170.1010, 2.9082, -93.0506



168.7850, 42.5040, -99.7894



196.0600, 12.7884, 51.6904

Rectangle

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



196.3100, -46.9878, 44.4551



188.1060, -34.5623, -21.1410



168.7850, 42.5040, -99.7894



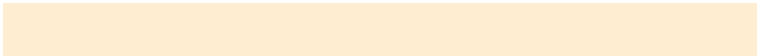
201.0970, 26.5742, 16.5779

Sweetspot

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



196.3100, -46.9878, 44.4551



239.1900, -14.8837, 13.8654



151.2660, 3.8129, 83.9587



117.6500, -9.1945, 9.0769



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.



196.3100, -46.9878, 44.4551



192.1020, -58.2243, 55.1615



225.8710, -61.5614, 5.3751



118.2840, -4.0840, 3.2589



121.3580, -59.8295, 56.6910



38.1860, -18.8257, 18.2539

Inverse Universe

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



151.6900, 46.9878, -44.4551



136.8980, 58.2243, -55.1615



122.1290, 61.5614, -5.3751



114.3030, 3.7946, -3.7737



64.6420, 59.8295, -56.6910



20.2270, 19.1151, -17.7391

Previews

White Background



This preview shows how the YUV color 196.3100, -46.9878, 44.4551 looks on a white background.

Color Contrast Check

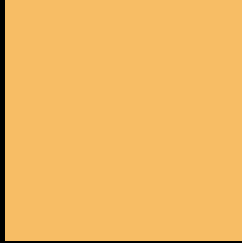
Large Text (above 18pt) WCAG AA × Fail

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 196.3100, -46.9878, 44.4551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

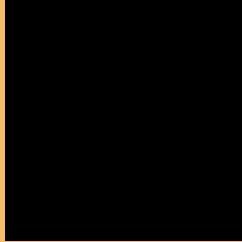
Any Text WCAG AA ✓ Pass

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 196.3100, -46.9878, 44.4551 Background



This preview shows how black text looks on a background with the YUV color 196.3100, -46.9878, 44.4551.



This preview shows how white text looks on a background with the YUV color 196.3100, -46.9878,

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

196.3100, -46.9878, 44.4551

Protanopia

194.5630, -44.1546, 22.3082

Deuteranopia

196.2990, -46.9824, 42.7108



Tritanopia

202.9070, -5.3772, 44.8086

Trichromacy



Original Color

196.3100, -46.9878, 44.4551

Protanomaly

195.0910, -44.9079, 30.6152

Deuteranomaly

196.5980, -47.1298, 43.3256

Tritanomaly

200.5960, -20.5068, 44.2043

Monochromacy



Original Color

196.3100, -46.9878, 44.4551

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.9300, -17.2205, 16.7244

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3100, -46.9878, 44.4551 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(247, 189, 101)` looks like.

```
.text, #text, p{  
    color:rgb(247, 189, 101)  
}
```

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(247, 189, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 189, 101) }
```

Border

The CSS property to change the border of an element to YUV 196.3100, -46.9878, 44.4551 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(247, 189, 101) }
```


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

```
.border{ border-color:rgb(247, 189, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 189, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 189, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 189, 101);  
box-shadow:4px 4px 4px 4px rgb(247, 189,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 196.3100, -46.9878, 44.4551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 189, 101) }
```

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

```
.background{ background-color: rgb(247,  
189, 101) }
```

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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