

Converting Colors

YUV(232.9880, -48.8011,
19.3045)

Have a look what the booklet for
YUV(232.9880, -48.8011, 19.3045)
contains.

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Color

**YUV(232.9880, -48.8011,
19.3045)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF186
RGB	255, 241, 134
RGB Percent	100%, 95%, 53%
CMY	0.0000, 0.0549, 0.4745
CMYK	0.00, 0.05, 0.47, 0.00
HSL	53°, 100%, 76%
HSV	53°, 47%, 100%
XYZ	76.9984, 85.8918, 35.0748
YIQ	232.9880, 42.6910, -30.3090

Conversions

Conversions Part 2

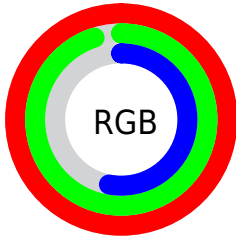
Format	Color
R _Y B	150, 255, 134
Decimal	16773510
CIE Lab	94.27, -9.18, 53.01
CIE LCh	94, 53.801, 99.823
Yxy	85.8918, 0.3889, 0.4339
Android (android.graphics.Color)	4294963590 (0xFFFFF186)
YUV	232.9880, -48.8011, 19.3045
Hunter-Lab	92.6778, -13.8853, 42.4356

Details

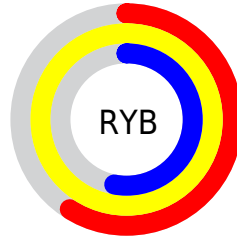
The YUV color $232.9880, -48.8011, 19.3045$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $156.0120, 48.8011, -19.3045$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.4760, -28.8287, 6.5985$, and $176.4330, -47.0485, 17.1603$ is the 20% darker color. If you saturate the color by 10%, you get $228.3770, -58.8529, 23.3484$, and if you desaturate by 10%, it is $237.7130, -38.3125, 15.1607$.

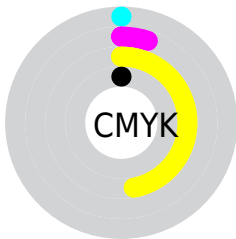
Distribution



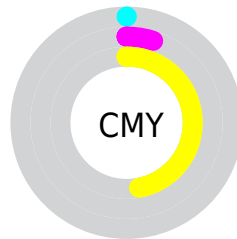
- Red (100%)
- Green (95%)
- Blue (53%)



- Red (59%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (5%)
- Yellow (47%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.9880, -48.8011, 19.3045 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 232.9880, -48.8011, 19.3045 by changing the saturation by 10% instead.

232.9880,
-48.8011, 19.3045

232.9880,
-48.8011, 19.3045

255.0000, 0.0000,
0.0000

204.5040,
-48.0695, 17.9750

247.4760,
-28.8287, 6.5985

176.4330,
-47.0485, 17.1603

250.6680,
-16.5983, 3.7992

149.2480,
-46.4643, 16.4455

253.9740, -3.9312,
0.8998

122.4220,
-47.0430, 15.4159

96.2970, -47.4744,
13.7715

74.4350, -36.6965,
10.1425

53.1600, -26.2079,

5.9987

■ 33.3580, -16.4455,
1.4400

■ 11.1530, -5.4984,
-9.7812

■ 232.9880,
-48.8011, 19.3045

■ 232.9880,
-48.8011, 19.3045

■ 228.3770,
-58.8529, 23.3484

■ 237.7130,
-38.3125, 15.1607

■ 223.6520,
-69.3414, 27.4922

■ 242.3240,
-28.2607, 11.1169

■ 219.0410,
-79.3932, 31.5360

■ 247.0490,
-17.7722, 6.9730

■ 214.3160,
-89.8818, 35.6799

■ 251.6600, -7.7204,
2.9292

■ 209.7050, 255.0000, 0.0000,
-99.9336, 39.7237 0.0000

■ 208.3200,
-102.7018, 40.9384

Harmonies

Analogous

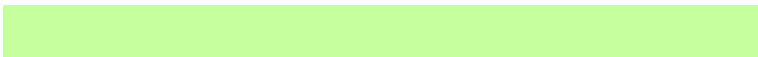
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



223.2200, -40.5345, 27.8711



232.9880, -48.8011, 19.3045



226.7850, -34.4040, -25.2444

Triad

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



232.9880, -48.8011, 19.3045



178.7550, 37.5888, -156.7681



223.8890, 15.3377, 27.2843

Complementary

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



232.9880, -48.8011, 19.3045



156.0120, 48.8011, -19.3045

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.



233.8680, 10.4181, 18.5328



232.9880, -48.8011, 19.3045



202.3870, 25.9382, -106.4564

Square

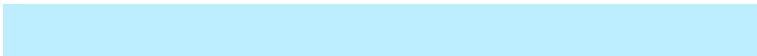
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



232.9880, -48.8011, 19.3045



178.6410, 37.1520, -156.6682



225.2870, 14.6485, -31.8237



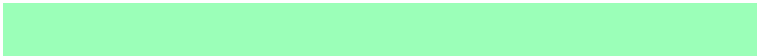
217.3060, 2.8071, 33.0576

Rectangle

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



232.9880, -48.8011, 19.3045



217.0060, -16.2720, -54.3793



225.2870, 14.6485, -31.8237



226.8240, 13.8908, 24.7104

Sweetspot

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



232.9880, -48.8011, 19.3045



248.5480, -14.5672, 5.6584



171.7750, -11.7211, 72.9883



123.7310, -8.7414, 3.7439



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

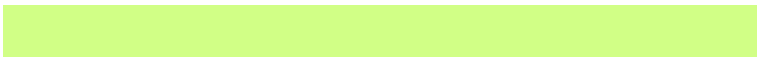
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.9880, -48.8011, 19.3045



228.4910, -58.4161, 23.2484



227.4520, -46.0718, -16.1824



125.3440, -5.0996, 2.3293



156.3120, -77.0618, 30.4214



52.0080, -25.6399, 10.5170

Inverse Universe

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



156.0120, 48.8011, -19.3045



135.9220, 58.7055, -22.7336



161.5480, 46.0718, 16.1824



117.0690, 5.3890, -1.8145



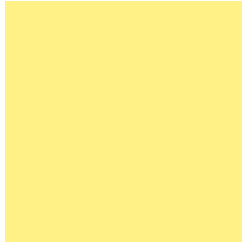
34.6880, 77.0618, -30.4214



11.4050, 25.9293, -10.0022

Previews

White Background



This preview shows how the YUV color 232.9880, -48.8011, 19.3045 looks on a white background.

Color Contrast Check

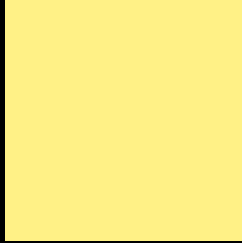
Large Text (above 18pt) WCAG AA × Fail

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 232.9880, -48.8011, 19.3045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

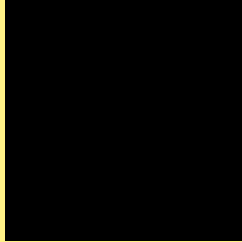
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 232.9880, -48.8011, 19.3045

Background



This preview shows how black text looks on a background with the YUV color 232.9880, -48.8011, 19.3045.



This preview shows how white text looks on a background with the YUV color 232.9880, -48.8011, 19.3045.

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

232.9880, -48.8011, 19.3045

Protanopia

236.3740, -30.7504, 16.3350

Deuteranopia

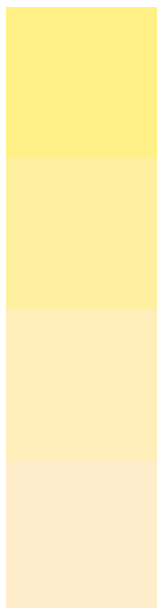
238.7000, -11.6841, 14.2951



Tritanopia

240.7180, 1.1250, 12.5253

Trichromacy



Original Color

232.9880, -48.8011, 19.3045

Protanomaly

235.2510, -37.5917, 17.3199

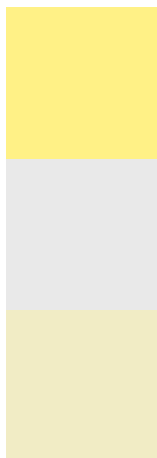
Deuteranomaly

236.5680, -24.9300, 16.1649

Tritanomaly

237.9190, -17.2151, 14.9800

Monochromacy



Original Color

232.9880, -48.8011, 19.3045

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.0490, -17.7722, 6.9730

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.9880, -48.8011, 19.3045 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(255, 241, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 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(255, 241, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 134) }
```

Border

The CSS property to change the border of an element to YUV 232.9880, -48.8011, 19.3045 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(255, 241, 134) }
```


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

```
.border{ border-color:rgb(255, 241, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 232.9880, -48.8011, 19.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 134) }
```

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

```
.background{ background-color: rgb(255,  
241, 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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