

Converting Colors

YUV(184.8880, -33.4688,
48.3332)

Have a look what the booklet for
YUV(184.8880, -33.4688, 48.3332)
contains.

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Color

**YUV(184.8880, -33.4688,
48.3332)**

Conversions

Conversions Part 1

Format	Color
Hex	F0AA75
RGB	240, 170, 117
RGB Percent	94%, 67%, 46%
CMY	0.0588, 0.3333, 0.5412
CMYK	0.00, 0.29, 0.51, 0.06
HSL	26°, 80%, 70%
HSV	26°, 51%, 94%
XYZ	53.5208, 48.5591, 23.3816
YIQ	184.8880, 58.7330, -1.6430

Conversions

Conversions Part 2

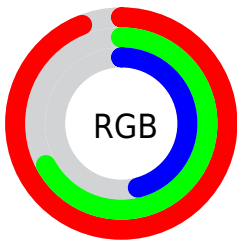
Format	Color
R _Y B	240, 210, 117
Decimal	15772277
CIE Lab	75.18, 19.89, 37.43
CIE LCh	75, 42.388, 62.021
Yxy	48.5591, 0.4266, 0.3870
Android (android.graphics.Color)	4293962357 (0xFFFF0AA75)
YUV	184.8880, -33.4688, 48.3332
Hunter-Lab	69.6843, 15.1487, 28.8851

Details

The YUV color $184.8880, -33.4688, 48.3332$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $172.1120, 33.4688, -48.3332$, and the grayscale version is $185.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.7000, -28.4461, 23.9421$, and $131.0230, -31.5633, 43.8298$ is the 20% darker color. If you saturate the color by 10%, you get $173.9340, -39.9005, 57.9399$, and if you desaturate by 10%, it is $195.8420, -27.0371, 38.7266$.

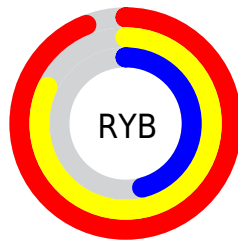
Distribution



Red (94%)

Green (67%)

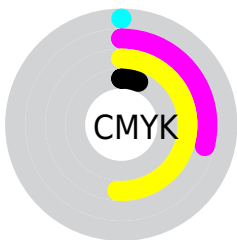
Blue (46%)



Red (94%)

Yellow (82%)

Blue (46%)

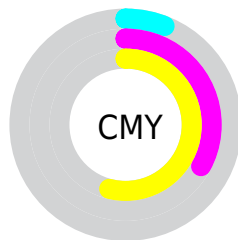


Cyan (0%)

Magenta (29%)

Yellow (51%)

Black (6%)



Cyan (6%)

Magenta (33%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8880, -33.4688, 48.3332 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 184.8880, -33.4688, 48.3332 by changing the saturation by 10% instead.

184.8880,
-33.4688, 48.3332

184.8880,
-33.4688, 48.3332

255.0000, 0.0000,
0.0000

157.2190,
-32.1530, 46.2889

227.7000,
-28.4461, 23.9421

131.0230,
-31.5633, 43.8298

247.8010,
-25.0449, 6.3135

105.0550,
-30.1001, 41.1708

251.6940,
-12.6671, 2.8994

79.8590, -29.5105,
38.7117

254.8860, -0.4368,
0.1000

56.0050, -27.6105,
35.9526

35.0180, -17.2639,
30.6792

14.3300, -7.0647,

26.0206

■ 0.0000, 0.0000,
0.0000

■ 184.8880,
-33.4688, 48.3332

■ 184.8880,
-33.4688, 48.3332

■ 173.9340,
-39.9005, 57.9399

■ 195.8420,
-27.0371, 38.7266

■ 163.5670,
-46.6215, 67.0317

■ 206.2090,
-20.3160, 29.6347

■ 152.6130,
-53.0532, 76.6384

■ 217.1630,
-13.8844, 20.0280

■ 141.6590,
-59.4849, 86.2451

■ 228.1170, -7.4527,
10.4214

■ 132.2210,
-65.1850, 94.5222

■ 238.4840, -0.7316,
1.3295

■ 248.7540, 3.0793,
-7.6773

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



185.6350, -19.5401, 60.8331



184.8880, -33.4688, 48.3332



182.2840, -37.6080, 22.5529

Triad

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



184.8880, -33.4688, 48.3332



160.1800, 13.2223, -87.8579



188.4590, 30.8327, 3.9825

Complementary

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



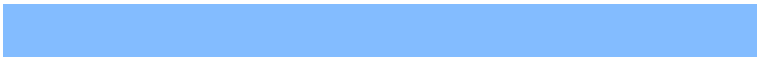
184.8880, -33.4688, 48.3332



172.1120, 33.4688, -48.3332

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.



178.5950, 37.6677, -41.7408



184.8880, -33.4688, 48.3332



145.9850, 38.9544, -128.0288

Square

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



184.8880, -33.4688, 48.3332



171.5000, -12.0785, -46.0425



160.9040, 45.4033, -96.3858



190.3790, 15.5892, 40.0096

Rectangle

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



184.8880, -33.4688, 48.3332



179.4770, -33.7592, 1.3357



160.9040, 45.4033, -96.3858



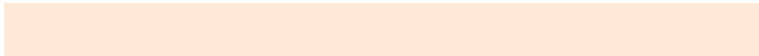
186.1690, 33.9337, -10.6722

Sweetspot

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



184.8880, -33.4688, 48.3332



237.7540, -10.2317, 15.1247



161.9850, 13.3184, 68.4192



117.1600, -5.9949, 9.5067



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.



184.8880, -33.4688, 48.3332



184.1580, -42.9689, 62.1284



220.1080, -50.8322, 17.4453



114.5230, -3.2158, 4.8033



101.3890, -49.9848, 72.4498



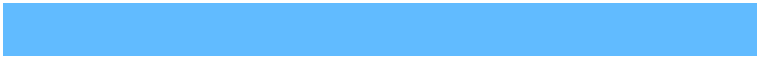
30.8320, -15.2002, 22.0723

Inverse Universe

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



172.1120, 33.4688, -48.3332



167.8420, 42.9689, -62.1284



136.8920, 50.8322, -17.4453



113.4770, 3.2158, -4.8033



82.0240, 50.2742, -71.9350



25.1680, 15.2002, -22.0723

Previews

White Background



This preview shows how the YUV color 184.8880, -33.4688, 48.3332 looks on a white background.

Color Contrast Check

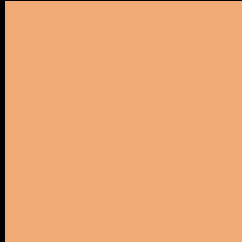
Large Text (above 18pt) WCAG AA × Fail

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 184.8880, -33.4688, 48.3332 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 184.8880, -33.4688, 48.3332

Background



This preview shows how black text looks on a background with the YUV color 184.8880, -33.4688, 48.3332.



This preview shows how white text looks on a background with the YUV color 184.8880, -33.4688, 48.3332.

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

184.8880, -33.4688, 48.3332

Protanopia

182.7160, -29.4400, 16.0351

Deuteranopia

184.0990, -33.5728, 34.9932



Tritanopia

188.8860, -6.8458, 49.2120

Trichromacy



Original Color

184.8880, -33.4688, 48.3332

Protanomaly

183.7390, -30.9303, 27.4159

Deuteranomaly

184.1320, -33.5891, 40.2262

Tritanomaly

187.6550, -16.5919, 48.5376

Monochromacy



Original Color

184.8880, -33.4688, 48.3332

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.1950, -12.4211, 17.3690

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8880, -33.4688, 48.3332 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(240, 170, 117)` looks like.

```
.text, #text, p{  
    color:rgb(240, 170, 117)  
}
```

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(240, 170, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 170, 117) }
```

Border

The CSS property to change the border of an element to YUV 184.8880, -33.4688, 48.3332 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(240, 170, 117) }
```


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

```
.border{ border-color:rgb(240, 170, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 170, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 170, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 170, 117);  
box-shadow:4px 4px 4px 4px rgb(240, 170,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 184.8880, -33.4688, 48.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 170, 117) }
```

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

```
.background{ background-color: rgb(240,  
170, 117) }
```

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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