

Converting Colors

YUV(168.4880, -30.3136,
16.2350)

Have a look what the booklet for
YUV(168.4880, -30.3136, 16.2350)
contains.

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Color

**YUV(168.4880, -30.3136,
16.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	BBAB6B
RGB	187, 171, 107
RGB Percent	73%, 67%, 42%
CMY	0.2667, 0.3294, 0.5804
CMYK	0.00, 0.09, 0.43, 0.27
HSL	48°, 37%, 58%
HSV	48°, 43%, 73%
XYZ	37.7103, 40.7522, 19.7883
YIQ	168.4880, 30.0800, -16.5120

Conversions

Conversions Part 2

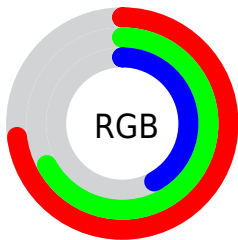
Format	Color
RYB	127, 187, 107
Decimal	12299115
CIELab	70.00, -3.29, 34.99
CIELCh	70, 35.147, 95.378
Yxy	40.7522, 0.3838, 0.4148
Android (android.graphics.Color)	4290489195 (0xFFBBAB6B)
YUV	168.4880, -30.3136, 16.2350
Hunter-Lab	63.8374, -6.2713, 26.3075

Details

The YUV color $168.4880, -30.3136, 16.2350$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $125.5120, 30.3136, -16.2350$, and the grayscale version is $169.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $223.7440, -31.9188, 17.7645$, and $115.9330, -28.5610, 14.0908$ is the 20% darker color. If you saturate the color by 10%, you get $163.9740, -37.4552, 20.1938$, and if you desaturate by 10%, it is $173.0020, -23.1720, 12.2762$.

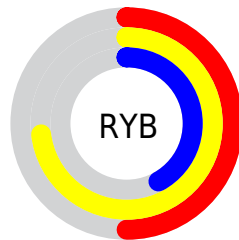
Distribution



Red (73%)

Green (67%)

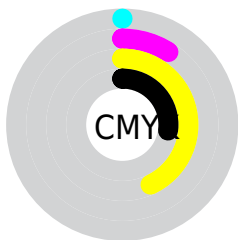
Blue (42%)



Red (50%)

Yellow (73%)

Blue (42%)

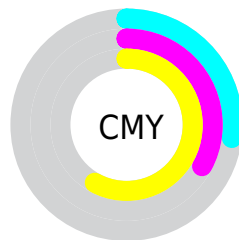


Cyan (0%)

Magenta (9%)

Yellow (43%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.4880, -30.3136, 16.2350 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 168.4880, -30.3136, 16.2350 by changing the saturation by 10% instead.

■ 168.4880,
-30.3136, 16.2350

■ 168.4880,
-30.3136, 16.2350

■ 255.0000, 0.0000,
0.0000

■ 142.0040,
-29.5820, 14.9055

■ 223.7440,
-31.9188, 17.7645

■ 115.9330,
-28.5610, 14.0908

■ 247.2480,
-29.7023, 6.7985

■ 90.7480, -27.9768,
13.3760

■ 250.4400,
-17.4719, 3.9991

■ 66.7370, -27.9713,
11.6317

■ 253.6320, -5.2416,
1.1997

■ 45.8060, -22.5824,
9.8171

■ 26.0040, -12.8200,
5.2585

■ 0.0000, 0.0000,

0.0000

■ 168.4880,
-30.3136, 16.2350

■ 168.4880,
-30.3136, 16.2350

■ 163.9740,
-37.4552, 20.1938

■ 173.0020,
-23.1720, 12.2762

■ 160.1610,
-44.4494, 23.5378

■ 176.8150,
-16.1778, 8.9322

■ 155.6470,
-51.5910, 27.4966

■ 181.3290, -9.0362,
4.9735

■ 151.1330,
-58.7326, 31.4554

■ 185.8430, -1.8946,
1.0147

■ 146.6190,
-65.8742, 35.4141

■ 190.3570, 5.2470,
-2.9441

■ 143.9630,
-70.9738, 37.7434

■ 194.1700, 12.2412,
-6.2881

■ 198.6840, 19.3828,
-10.2469

■ 202.9700, 25.6508,
-14.0057

■ 205.3180, 24.4932,
-16.0649

Harmonies

Analogous

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



171.2010, -28.2001, 38.4117



168.4880, -30.3136, 16.2350



164.8590, -23.1015, -10.4003

Triad

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



168.4880, -30.3136, 16.2350



148.9150, 28.6359, -84.9945



175.7930, 10.9481, 35.2615

Complementary

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



168.4880, -30.3136, 16.2350



125.5120, 30.3136, -16.2350

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.



174.6460, 23.8385, 7.3265



168.4880, -30.3136, 16.2350



157.9420, 34.5386, -64.8471

Square

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



168.4880, -30.3136, 16.2350



152.8450, 11.4154, -68.2701



168.3040, 32.3881, -28.3306



174.8800, -4.3778, 50.9712

Rectangle

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



168.4880, -30.3136, 16.2350



161.8440, -13.7271, -30.5582



168.3040, 32.3881, -28.3306



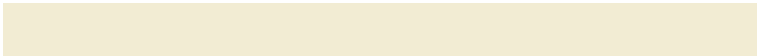
176.0030, 15.7745, 27.1844

Sweetspot

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



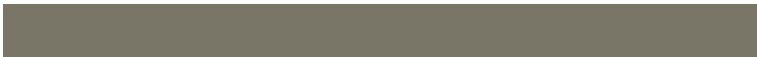
168.4880, -30.3136, 16.2350



234.9440, -11.8044, 6.1881



132.7440, -4.8038, 47.5825



117.4860, -7.1416, 3.9588



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



168.4880, -30.3136, 16.2350



213.8900, -46.7808, 24.6525



170.7040, -31.4061, -6.7564



91.8000, -3.3524, 1.9294



121.2040, -59.7536, 32.2701



23.3570, -11.5150, 6.7029

Inverse Universe

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



125.5120, 30.3136, -16.2350



147.1100, 46.7808, -24.6525



123.2960, 31.4061, 6.7564



87.2000, 3.3524, -1.9294



36.7960, 59.7536, -32.2701



7.0560, 11.8044, -6.1881

Previews

White Background



This preview shows how the YUV color 168.4880, -30.3136, 16.2350 looks on a white background.

Color Contrast Check

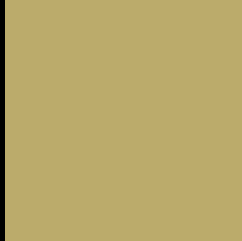
Large Text (above 18pt) WCAG AA × Fail

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 168.4880, -30.3136, 16.2350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

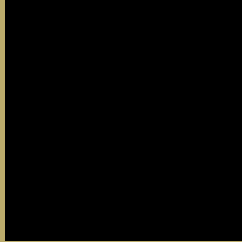
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.4880, -30.3136, 16.2350

Background



This preview shows how black text looks on a background with the YUV color 168.4880, -30.3136, 16.2350.



This preview shows how white text looks on a background with the YUV color 168.4880, -30.3136, 16.2350.

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

168.4880, -30.3136, 16.2350

Protanopia

168.4880, -30.3136, 16.2350

Deuteranopia

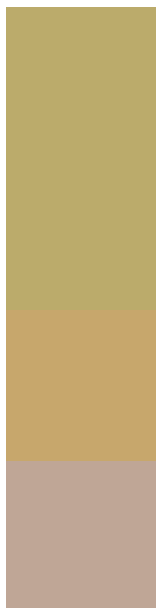
170.2880, -30.2150, 31.3194



Tritanopia

173.6370, 0.6720, 17.8584

Trichromacy



Original Color

168.4880, -30.3136, 16.2350

Protanomaly

168.4880, -30.3136, 16.2350

Deuteranomaly

169.8420, -30.4881, 25.5716

Tritanomaly

171.6510, -10.6739, 16.9691

Monochromacy



Original Color

168.4880, -30.3136, 16.2350

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1720, -10.9308, 5.9882

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.4880, -30.3136, 16.2350 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(187, 171, 107)` looks like.

```
.text, #text, p{  
    color:rgb(187, 171, 107)  
}
```

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(187, 171, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 171, 107) }
```

Border

The CSS property to change the border of an element to YUV 168.4880, -30.3136, 16.2350 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(187, 171, 107) }
```


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

```
.border{ border-color:rgb(187, 171, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 171, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 171, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 171, 107);  
box-shadow:4px 4px 4px 4px rgb(187, 171,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 168.4880, -30.3136, 16.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 171, 107) }
```

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

```
.background{ background-color: rgb(187,  
171, 107) }
```

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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