

Converting Colors

YUV(181.5330, -38.7168,
4.7946)

Have a look what the booklet for
YUV(181.5330, -38.7168, 4.7946)
contains.

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Color

**YUV(181.5330, -38.7168,
4.7946)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC267
RGB	187, 194, 103
RGB Percent	73%, 76%, 40%
CMY	0.2667, 0.2392, 0.5961
CMYK	0.04, 0.00, 0.47, 0.24
HSL	65°, 43%, 58%
HSV	65°, 47%, 76%
XYZ	42.2335, 50.1276, 20.2816
YIQ	181.5330, 25.0390, -29.7850

Conversions

Conversions Part 2

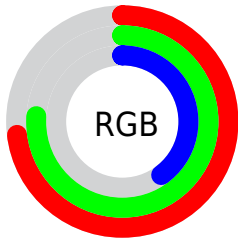
Format	Color
RYB	103, 194, 110
Decimal	12304999
CIELab	76.15, -15.65, 44.65
CIELCh	76, 47.316, 109.309
Yxy	50.1276, 0.3749, 0.4450
Android (android.graphics.Color)	4290495079 (0xFFBBC267)
YUV	181.5330, -38.7168, 4.7946
Hunter-Lab	70.8009, -17.4244, 32.5764

Details

The YUV color **181.5330, -38.7168, 4.7946** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **115.4670, 38.7168, -4.7946**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.7890, -40.3220, 6.3240**, and **128.1630, -37.5484, 3.3650** is the 20% darker color. If you saturate the color by 10%, you get **179.0680, -46.8685, 6.0794**, and if you desaturate by 10%, it is **183.9980, -30.5650, 3.5098**.

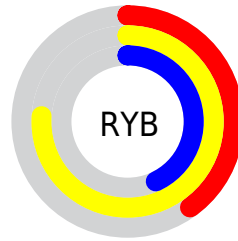
Distribution



Red (73%)

Green (76%)

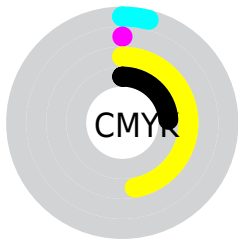
Blue (40%)



Red (40%)

Yellow (76%)

Blue (43%)

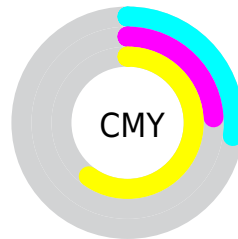


Cyan (4%)

Magenta (0%)

Yellow (47%)

Black (24%)



Cyan (27%)

Magenta (24%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.5330, -38.7168, 4.7946 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 181.5330, -38.7168, 4.7946 by changing the saturation by 10% instead.

■ 181.5330,
-38.7168, 4.7946

■ 181.5330,
-38.7168, 4.7946

■ 255.0000, 0.0000,
0.0000

■ 154.3480,
-38.1326, 4.0798

■ 237.7890,
-40.3220, 6.3240

■ 128.1630,
-37.5484, 3.3650

■ 246.7920,
-31.4495, 7.1984

■ 101.8640,
-37.4010, 2.7503

■ 249.9840,
-19.2191, 4.3990

■ 77.3370, -38.1271,
2.3355

■ 253.2900, -6.5520,
1.4997

■ 56.0730, -27.6440,
-0.0640

■ 35.3850, -17.4448,
-4.7226

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 181.5330,
-38.7168, 4.7946

■ 181.5330,
-38.7168, 4.7946

■ 179.0680,
-46.8685, 6.0794

■ 183.9980,
-30.5650, 3.5098

■ 176.1900,
-55.3097, 6.8494

■ 186.8760,
-22.1239, 2.7397

■ 173.7250,
-63.4614, 8.1342

■ 189.3410,
-13.9721, 1.4549

■ 170.8470,
-71.9026, 8.9042

■ 192.2190, -5.5310,
0.6849

■ 168.3820,
-80.0543, 10.1890

■ 194.6840, 2.6208,
-0.5999

■ 167.3990,
-82.5277, 10.1741

■ 197.4480, 10.6251,
-1.2699

■ 200.0270, 19.2137,
-2.6547

■ 202.4490, 25.9076,
-3.0248

■ 202.7480, 25.7602,
-2.4100

Harmonies

Analogous

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



185.6450, -41.7300, 38.0223



181.5330, -38.7168, 4.7946



175.4170, -22.8836, -33.6917

Triad

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



181.5330, -38.7168, 4.7946



149.7640, 50.8953, -131.3430



190.0130, 7.3886, 56.9936

Complementary

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



181.5330, -38.7168, 4.7946



115.4670, 38.7168, -4.7946

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.



193.2450, 25.5152, 29.6031



181.5330, -38.7168, 4.7946



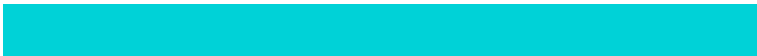
169.5260, 42.1387, -75.8833

Square

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



181.5330, -38.7168, 4.7946



147.7800, 33.1395, -129.6031



186.1360, 33.9500, -15.9053



184.9970, -11.8305, 61.3926

Rectangle

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



181.5330, -38.7168, 4.7946



168.4700, -6.6407, -63.5562



186.1360, 33.9500, -15.9053



192.8860, 13.3672, 52.7200

Sweetspot

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



181.5330, -38.7168, 4.7946



247.4120, -14.9931, 2.2697



133.7310, -15.1504, 52.8559



124.8940, -9.3147, 0.9700



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.



181.5330, -38.7168, 4.7946



232.9360, -60.1144, 7.9491



168.0780, -32.0835, -22.8704



95.5610, -4.2206, 0.3850



138.7590, -68.4082, 8.1044



28.6400, -14.1195, 2.0697

Inverse Universe

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



115.4670, 38.7168, -4.7946



130.3630, 59.9670, -7.3344



128.9220, 32.0835, 22.8704



88.4390, 4.2206, -0.3850



21.9420, 68.5556, -8.7191



4.6590, 13.9721, -1.4549

Previews

White Background



This preview shows how the YUV color 181.5330, -38.7168, 4.7946 looks on a white background.

Color Contrast Check

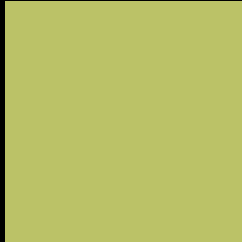
Large Text (above 18pt) WCAG AA × Fail

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 181.5330, -38.7168, 4.7946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

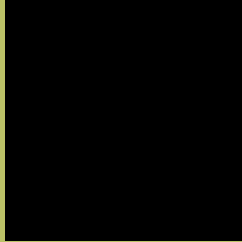
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.5330, -38.7168, 4.7946

Background



This preview shows how black text looks on a background with the YUV color 181.5330, -38.7168, 4.7946.



This preview shows how white text looks on a background with the YUV color 181.5330, -38.7168, 4.7946.

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

181.5330, -38.7168, 4.7946

Protanopia

183.7630, -40.8022, 20.3788

Deuteranopia

185.7420, -38.8198, 37.9373



Tritanopia

189.1950, 4.3409, 7.7220

Trichromacy



Original Color

181.5330, -38.7168, 4.7946

Protanomaly

182.9580, -39.9123, 14.9458

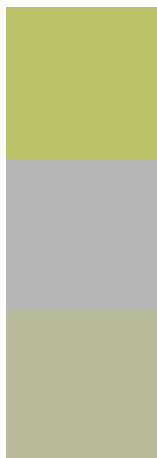
Deuteranomaly

184.0780, -38.4925, 26.2416

Tritanomaly

186.3570, -11.5150, 6.7029

Monochromacy



Original Color

181.5330, -38.7168, 4.7946

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.6400, -14.1195, 2.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.5330, -38.7168, 4.7946 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, 194, 103)` looks like.

```
.text, #text, p{  
    color:rgb(187, 194, 103)  
}
```

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, 194, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 194, 103) }
```

Border

The CSS property to change the border of an element to YUV 181.5330, -38.7168, 4.7946 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, 194, 103) }
```


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

```
.border{ border-color:rgb(187, 194, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 194, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 194, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 194, 103);  
box-shadow:4px 4px 4px 4px rgb(187, 194,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 181.5330, -38.7168, 4.7946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 194, 103) }
```

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

```
.background{ background-color: rgb(187,  
194, 103) }
```

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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