

Converting Colors

YUV(181.7880, -38.8425,
-1.5681)

Have a look what the booklet for
YUV(181.7880, -38.8425, -1.5681)
contains.

YUV(181.7880, -38.8425, -1.5681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(181.7880, -38.8425,
-1.5681)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C667
RGB	180, 198, 103
RGB Percent	71%, 78%, 40%
CMY	0.2941, 0.2235, 0.5961
CMYK	0.09, 0.00, 0.48, 0.22
HSL	71°, 45%, 59%
HSV	71°, 48%, 78%
XYZ	41.4647, 51.0707, 20.5042
YIQ	181.7880, 19.7670, -33.3610

Conversions

Conversions Part 2

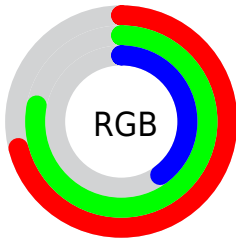
Format	Color
RYB	103, 198, 121
Decimal	11847271
CIELab	76.72, -20.45, 45.23
CIELCh	77, 49.637, 114.330
Yxy	51.0707, 0.3668, 0.4518
Android (android.graphics.Color)	4290037351 (0xFFB4C667)
YUV	181.7880, -38.8425, -1.5681
Hunter-Lab	71.4638, -21.4925, 33.0133

Details

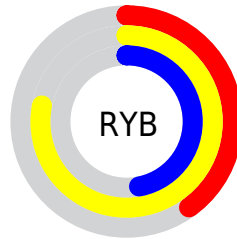
The YUV color **181.7880, -38.8425, -1.5681** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **119.2120, 38.8425, 1.5681**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.3320, -40.5897, -1.1682**, and **127.8310, -37.3847, -2.4828** is the 20% darker color. If you saturate the color by 10%, you get **178.3120, -46.9888, -2.0276**, and if you desaturate by 10%, it is **185.2640, -30.6962, -1.1085**.

Distribution



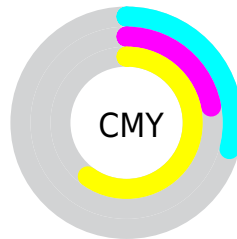
- Red (71%)
- Green (78%)
- Blue (40%)



- Red (40%)
- Yellow (78%)
- Blue (47%)



- Cyan (9%)
- Magenta (0%)
- Yellow (48%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.7880, -38.8425, -1.5681 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 181.7880, -38.8425, -1.5681 by changing the saturation by 10% instead.

■ 181.7880,
-38.8425, -1.5681

■ 181.7880,
-38.8425, -1.5681

255.0000, 0.0000,
0.0000

■ 154.6030,
-38.2583, -2.2828

■ 238.3320,
-40.5897, -1.1682

■ 127.8310,
-37.3847, -2.4828

■ 246.9060,
-31.0127, 7.0984

■ 102.4180,
-37.6741, -2.9976

■ 250.0980,
-18.7823, 4.2991

■ 77.0050, -37.9635,
-3.5124

■ 253.2900, -6.5520,
1.4997

■ 55.7410, -27.4803,
-5.9119

■ 35.0530, -17.2811,
-10.5705

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 181.7880,
-38.8425, -1.5681

■ 181.7880,
-38.8425, -1.5681

■ 178.3120,
-46.9888, -2.0276

■ 185.2640,
-30.6962, -1.1085

■ 174.8360,
-55.1351, -2.4872

■ 188.7400,
-22.5498, -0.6490

■ 171.7730,
-62.9921, -2.4319

■ 191.8030,
-14.6929, -0.7042

■ 168.2970,
-71.1384, -2.8915

■ 195.2790, -6.5465,
-0.2447

■ 164.8210,
-79.2848, -3.3510

■ 198.7550, 1.5998,
0.2149

■ 164.0660,
-80.8845, -3.5659

■ 202.2310, 9.7461,
0.6744

■ 205.4080, 18.0399,
0.5192

■ 208.0860, 23.1286,
1.6786

■ 209.2820, 22.5390,
4.1377

Harmonies

Analogous

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



186.2270, -44.4819, 34.0039



181.7880, -38.8425, -1.5681



174.7470, -20.0883, -43.6281

Triad

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



181.7880, -38.8425, -1.5681



151.1660, 51.1902, -132.5726



188.2690, 5.7834, 58.5231

Complementary

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



181.7880, -38.8425, -1.5681



119.2120, 38.8425, 1.5681

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.



194.5450, 23.8883, 38.1100



181.7880, -38.8425, -1.5681



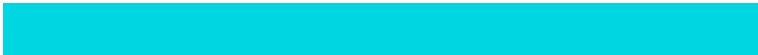
172.5160, 40.6646, -69.7355

Square

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



181.7880, -38.8425, -1.5681



150.7950, 37.0761, -132.2472



189.1370, 32.4705, -8.0131



184.1990, -14.8881, 62.0925

Rectangle

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



181.7880, -38.8425, -1.5681



165.7610, -1.3612, -76.9664



189.1370, 32.4705, -8.0131



191.7400, 11.4672, 55.4790

Sweetspot

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



181.7880, -38.8425, -1.5681



248.8030, -14.6929, -0.7042



141.3840, -18.9233, 49.6522



123.9970, -8.8725, -0.8744



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.



181.7880, -38.8425, -1.5681



229.7560, -60.5187, -2.4170



167.7350, -31.9144, -30.4626



97.6750, -3.7838, 0.2850



135.1490, -66.6285, -2.7617



29.8030, -14.6929, -0.7042

Inverse Universe

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



119.2120, 38.8425, 1.5681



132.2440, 60.5187, 2.4170



133.2650, 31.9144, 30.4626



91.3250, 3.7838, -0.2850



27.8510, 66.6285, 2.7617



6.1970, 14.6929, 0.7042

Previews

White Background



This preview shows how the YUV color 181.7880, -38.8425, -1.5681 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 181.7880, -38.8425, -1.5681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

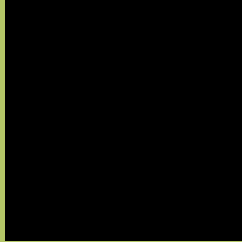
Any Text WCAG AA ✓ Pass

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 181.7880, -38.8425, -1.5681 Background



This preview shows how black text looks on a background with the YUV color 181.7880, -38.8425, -1.5681.



This preview shows how white text looks on a background with the YUV color 181.7880, -38.8425, -1.5681.

-1.5681.

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

181.7880, -38.8425, -1.5681

Protanopia

184.5350, -41.6758, 20.5788

Deuteranopia

186.6280, -39.2566, 38.0372



Tritanopia

190.2050, 5.8149, 1.5742

Trichromacy



Original Color

181.7880, -38.8425, -1.5681

Protanomaly

183.4200, -40.6331, 12.7867

Deuteranomaly

185.2410, -39.0658, 23.4676

Tritanomaly

187.2530, -10.4777, 0.6551

Monochromacy



Original Color

181.7880, -38.8425, -1.5681

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.9170, -14.2561, -0.8042

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.7880, -38.8425, -1.5681 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(180, 198, 103)` looks like.

```
.text, #text, p{  
    color:rgb(180, 198, 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(180, 198, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 198, 103) }
```

Border

The CSS property to change the border of an element to YUV 181.7880, -38.8425, -1.5681 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(180, 198, 103) }
```


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

```
.border{ border-color:rgb(180, 198, 103) }
```

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

Here you see how a box with a 4 pixel rgb(180, 198, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 198, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 198, 103);  
box-shadow:4px 4px 4px 4px rgb(180, 198,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 181.7880, -38.8425, -1.5681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 198, 103) }
```

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

```
.background{ background-color: rgb(180,  
198, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor