

Converting Colors

YUV(183.6030, -38.2583,
-2.2828)

Have a look what the booklet for
YUV(183.6030, -38.2583, -2.2828)
contains.

YUV(183.6030, -38.2583, -2.2828)	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(183.6030, -38.2583,
-2.2828)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C86A
RGB	181, 200, 106
RGB Percent	71%, 78%, 42%
CMY	0.2902, 0.2157, 0.5843
CMYK	0.09, 0.00, 0.47, 0.22
HSL	72°, 46%, 60%
HSV	72°, 47%, 78%
XYZ	42.3119, 52.1729, 21.4760
YIQ	183.6030, 18.8500, -33.2620

Conversions

Conversions Part 2

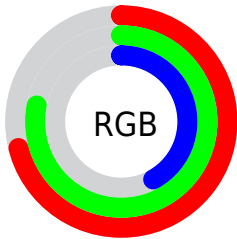
Format	Color
RYB	106, 200, 125
Decimal	11913322
CIELab	77.38, -20.74, 44.59
CIELCh	77, 49.175, 114.945
Yxy	52.1729, 0.3649, 0.4499
Android (android.graphics.Color)	4290103402 (0xFFB5C86A)
YUV	183.6030, -38.2583, -2.2828
Hunter-Lab	72.2308, -21.8410, 32.9332

Details

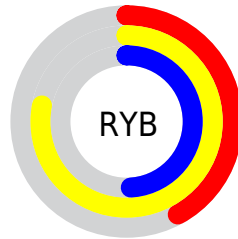
The YUV color **183.6030, -38.2583, -2.2828** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **122.3970, 38.2583, 2.2828**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.9730, -39.4267, -0.8533**, and **129.6460, -36.8005, -3.1975** is the 20% darker color. If you saturate the color by 10%, you get **180.1270, -46.4046, -2.7424**, and if you desaturate by 10%, it is **187.0790, -30.1119, -1.8233**.

Distribution



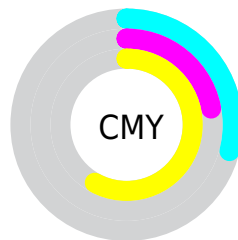
- Red (71%)
- Green (78%)
- Blue (42%)



- Red (42%)
- Yellow (78%)
- Blue (49%)



- Cyan (9%)
- Magenta (0%)
- Yellow (47%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.6030, -38.2583, -2.2828 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 183.6030, -38.2583, -2.2828 by changing the saturation by 10% instead.

■ 183.6030,
-38.2583, -2.2828

■ 183.6030,
-38.2583, -2.2828

255.0000, 0.0000,
0.0000

■ 156.4180,
-37.6741, -2.9976

■ 238.9730,
-39.4267, -0.8533

■ 129.6460,
-36.8005, -3.1975

■ 247.2480,
-29.7023, 6.7985

■ 103.6460,
-36.8005, -3.1975

■ 250.4400,
-17.4719, 3.9991

■ 78.4780, -38.6897,
-3.9272

■ 253.7460, -4.8048,
1.0998

■ 57.2140, -28.2065,
-6.3267

■ 35.9390, -17.7179,
-10.4705

■ 17.6100, -8.6817,

-15.4440

■ 0.0000, 0.0000,
0.0000

■ 183.6030,
-38.2583, -2.2828

■ 183.6030,
-38.2583, -2.2828

■ 180.1270,
-46.4046, -2.7424

■ 187.0790,
-30.1119, -1.8233

■ 176.6510,
-54.5509, -3.2019

■ 190.5550,
-21.9656, -1.3637

■ 173.1750,
-62.6973, -3.6615


■ 194.0310,
-13.8193, -0.9042


■ 169.6990,
-70.8436, -4.1210


■ 197.5070, -5.6730,
-0.4446


■ 166.2230,
-78.9899, -4.5806


■ 200.9830, 2.4734,
0.0149

 165.2400,
-81.4633, -4.5955

 204.4590, 10.6197,
0.4745

 207.9350, 18.7660,
0.9340

 210.1570, 22.1076,
2.4933

 211.3530, 21.5180,
4.9524

Harmonies

Analogous

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



188.0420, -43.8977, 33.2892



183.6030, -38.2583, -2.2828



176.8610, -19.6515, -43.7281

Triad

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



183.6030, -38.2583, -2.2828



151.7530, 50.9008, -133.0874



190.1440, 5.3520, 56.8787

Complementary

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



183.6030, -38.2583, -2.2828



122.3970, 38.2583, 2.2828

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.



196.7300, 23.3041, 38.8248



183.6030, -38.2583, -2.2828



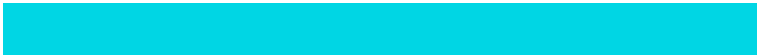
174.8970, 39.4908, -66.5617

Square

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



183.6030, -38.2583, -2.2828



151.6100, 37.6603, -132.9620



190.9200, 31.5914, -6.0688



186.0740, -15.3195, 60.4481

Rectangle

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



183.6030, -38.2583, -2.2828



167.8750, -0.9244, -77.0664



190.9200, 31.5914, -6.0688



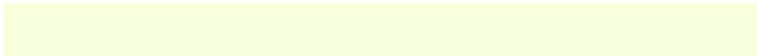
193.0280, 11.3252, 54.3494

Sweetspot

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



183.6030, -38.2583, -2.2828



248.8030, -14.6929, -0.7042



145.2590, -19.3547, 48.0079



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.



183.6030, -38.2583, -2.2828



230.0270, -58.1873, -3.5317



169.5500, -31.3301, -31.1773



97.3760, -3.6364, -0.3298



134.5510, -66.3336, -3.9912



29.5040, -14.5455, -1.3190

Inverse Universe

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



122.3970, 38.2583, 2.2828



136.9730, 58.1873, 3.5317



136.4500, 31.3302, 31.1774



91.6240, 3.6364, 0.3298



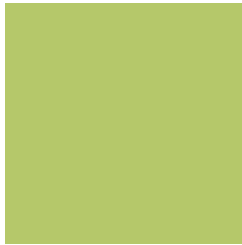
28.4490, 66.3336, 3.9912



6.1970, 14.6929, 0.7042

Previews

White Background



This preview shows how the YUV color 183.6030, -38.2583, -2.2828 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 183.6030, -38.2583, -2.2828 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 183.6030, -38.2583, -2.2828

Background



This preview shows how black text looks on a background with the YUV color 183.6030, -38.2583, -2.2828.



This preview shows how white text looks on a background with the YUV color 183.6030, -38.2583, -2.2828.

-2.2828.

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

183.6030, -38.2583, -2.2828

Protanopia

186.6490, -41.2390, 20.4788

Deuteranopia

188.7420, -38.8198, 37.9373



Tritanopia

191.9060, 5.9623, 0.9594

Trichromacy



Original Color

183.6030, -38.2583, -2.2828

Protanomaly

185.2350, -40.0489, 12.0719

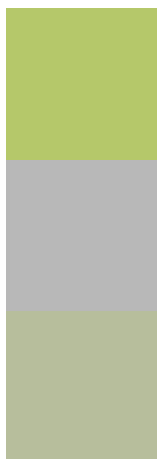
Deuteranomaly

187.0560, -38.4816, 22.7529

Tritanomaly

188.9540, -10.3303, 0.0403

Monochromacy



Original Color

183.6030, -38.2583, -2.2828

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

184.0310, -13.8193, -0.9042

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.6030, -38.2583, -2.2828 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(181, 200, 106)` looks like.

```
.text, #text, p{  
    color:rgb(181, 200, 106)  
}
```

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(181, 200, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 200, 106) }
```

Border

The CSS property to change the border of an element to YUV 183.6030, -38.2583, -2.2828 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(181, 200, 106) }
```


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

```
.border{ border-color:rgb(181, 200, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 200, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 200, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 200, 106);  
box-shadow:4px 4px 4px 4px rgb(181, 200,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 183.6030, -38.2583, -2.2828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 200, 106) }
```

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

```
.background{ background-color: rgb(181,  
200, 106) }
```

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