

Converting Colors

YUV(189.6770, -30.4068,
-0.5937)

Have a look what the booklet for
YUV(189.6770, -30.4068, -0.5937)
contains.

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Color

**YUV(189.6770, -30.4068,
-0.5937)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCA80
RGB	189, 202, 128
RGB Percent	74%, 79%, 50%
CMY	0.2588, 0.2078, 0.4980
CMYK	0.06, 0.00, 0.37, 0.21
HSL	71°, 41%, 65%
HSV	71°, 37%, 79%
XYZ	46.0031, 54.6184, 28.5399
YIQ	189.6770, 16.0060, -25.7700

Conversions

Conversions Part 2

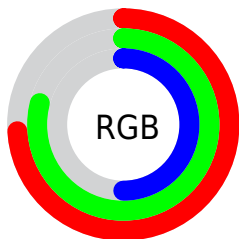
Format	Color
R _{YB}	128, 202, 141
Decimal	12438144
CIE _{Lab}	78.82, -16.14, 35.49
CIE _{LCh}	79, 38.986, 114.454
Y _{xy}	54.6184, 0.3562, 0.4229
Android (android.graphics.Color)	4290628224 (0xFFBDCA80)
Y _{UV}	189.6770, -30.4068, -0.5937
Hunter-Lab	73.9043, -18.2218, 28.8368

Details

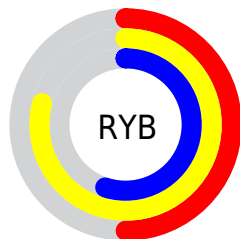
The YUV color $189.6770, -30.4068, -0.5937$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $140.3230, 30.4068, 0.5937$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.9870, -30.5596, 1.7654$, and $136.0190, -29.0964, -0.8937$ is the 20% darker color. If you saturate the color by 10%, you get $186.2010, -38.5531, -1.0533$, and if you desaturate by 10%, it is $193.1530, -22.2604, -0.1342$.

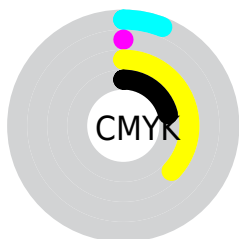
Distribution



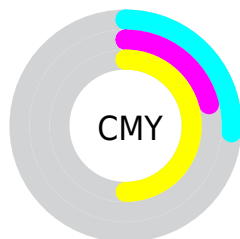
- Red (74%)
- Green (79%)
- Blue (50%)



- Red (50%)
- Yellow (79%)
- Blue (55%)



- Cyan (6%)
- Magenta (0%)
- Yellow (37%)
- Black (21%)



- Cyan (26%)
- Magenta (21%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.6770, -30.4068, -0.5937 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 189.6770, -30.4068, -0.5937 by changing the saturation by 10% instead.

■ 189.6770,
-30.4068, -0.5937

■ 189.6770,
-30.4068, -0.5937

255.0000, 0.0000,
0.0000

■ 162.4920,
-29.8226, -1.3085

■ 243.9870,
-30.5596, 1.7654

■ 136.0190,
-29.0964, -0.8937

■ 249.8700,
-19.6559, 4.4990

■ 109.9480,
-28.0754, -1.7084

■ 253.0620, -7.4256,
1.6996

■ 85.0620, -27.6386,
-1.8084

■ 61.5350, -28.3648,
-2.2232

■ 40.7010, -20.0656,
-4.1228

■ 19.7030, -9.7136,

-11.1405

■ 0.0000, 0.0000,
0.0000

■ 189.6770,
-30.4068, -0.5937

■ 189.6770,
-30.4068, -0.5937

■ 186.2010,
-38.5531, -1.0533

■ 193.1530,
-22.2604, -0.1342

■ 183.0240,
-46.8468, -0.8980

■ 196.3300,
-13.9667, -0.2894

■ 179.4340,
-55.4300, -1.2576

■ 199.9200, -5.3836,
0.0702

■ 176.2570,
-63.7237, -1.1024

■ 203.0970, 2.9102,
-0.0851

■ 172.7810,
-71.8700, -1.5619

■ 206.5730, 11.0565,
0.3745

■ 169.6040,
-80.1638, -1.4067

■ 209.7500, 19.3502,
0.2193

■ 168.5070,
-83.0740, -1.3216

■ 211.6300, 21.3814,
2.0785

■ 212.5270, 20.9392,
3.9228

■ 213.7230, 20.3496,
6.3819

Harmonies

Analogous

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



193.7130, -34.8615, 28.3157



189.6770, -30.4068, -0.5937



184.5510, -16.0476, -32.9322

Triad

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



189.6770, -30.4068, -0.5937



175.1350, 38.3874, -86.0644



198.0030, 2.4635, 49.9864

Complementary

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



189.6770, -30.4068, -0.5937



140.3230, 30.4068, 0.5937

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.



200.7090, 18.3845, 30.0732



189.6770, -30.4068, -0.5937



186.8240, 33.6108, -47.2036

Square

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



189.6770, -30.4068, -0.5937



169.6920, 26.7738, -94.4459



196.2360, 28.9707, -5.4690



194.4860, -13.5506, 53.0708

Rectangle

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



189.6770, -30.4068, -0.5937



179.8500, -2.8840, -55.1194



196.2360, 28.9707, -5.4690



200.3600, 7.7105, 47.0423

Sweetspot

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



189.6770, -30.4068, -0.5937



250.3130, -11.4933, -0.2745



157.1700, -14.3808, 39.3159



125.1650, -6.9833, -0.1447



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.



189.6770, -30.4068, -0.5937



236.2520, -45.9732, -1.0980



178.9130, -25.1001, -22.7257



100.2620, -4.0732, -0.2298



138.4050, -68.2337, -1.2322



31.8740, -15.7139, 0.1105

Inverse Universe

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



140.3230, 30.4068, 0.5937



161.7480, 45.9732, 1.0980



151.0870, 25.1001, 22.7257



93.7380, 4.0732, 0.2298



27.5950, 68.2337, 1.2322



6.4250, 15.5665, 0.5043

Previews

White Background



This preview shows how the YUV color 189.6770, -30.4068, -0.5937 looks on a white background.

Color Contrast Check

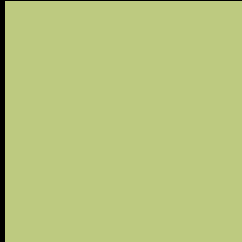
Large Text (above 18pt) WCAG AA × Fail

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 189.6770, -30.4068, -0.5937 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 189.6770, -30.4068, -0.5937

Background



This preview shows how black text looks on a background with the YUV color 189.6770, -30.4068, -0.5937.



This preview shows how white text looks on a background with the YUV color 189.6770, -30.4068, -0.5937.

-0.5937.

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

189.6770, -30.4068, -0.5937

Protanopia

192.1030, -33.0818, 17.4497

Deuteranopia

193.7830, -30.9520, 34.3933



Tritanopia

195.8030, 5.5201, 2.8038

Trichromacy



Original Color

189.6770, -30.4068, -0.5937

Protanomaly

191.5860, -32.3339, 10.8871

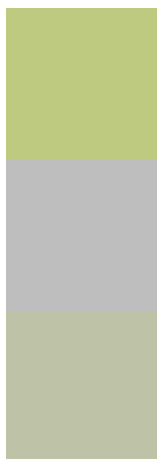
Deuteranomaly

192.4070, -30.7667, 21.5681

Tritanomaly

193.6490, -7.7150, 1.1848

Monochromacy



Original Color

189.6770, -30.4068, -0.5937

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.7260, -11.2039, 0.2403

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.6770, -30.4068, -0.5937 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(189, 202, 128)` looks like.

```
.text, #text, p{  
    color:rgb(189, 202, 128)  
}
```

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(189, 202, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 202, 128) }
```

Border

The CSS property to change the border of an element to YUV 189.6770, -30.4068, -0.5937 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(189, 202, 128) }
```


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

```
.border{ border-color:rgb(189, 202, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 202, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 202, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 202, 128);  
box-shadow:4px 4px 4px 4px rgb(189, 202,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 189.6770, -30.4068, -0.5937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 202, 128) }
```

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

```
.background{ background-color: rgb(189,  
202, 128) }
```

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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