

Converting Colors

YUV(184.8970, -40.8682,
-5.1717)

Have a look what the booklet for
YUV(184.8970, -40.8682, -5.1717)
contains.

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Color

**YUV(184.8970, -40.8682,
-5.1717)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CC66
RGB	179, 204, 102
RGB Percent	70%, 80%, 40%
CMY	0.2980, 0.2000, 0.6000
CMYK	0.12, 0.00, 0.50, 0.20
HSL	75°, 50%, 60%
HSV	75°, 50%, 80%
XYZ	42.5815, 53.7287, 20.6968
YIQ	184.8970, 17.8420, -37.0220

Conversions

Conversions Part 2

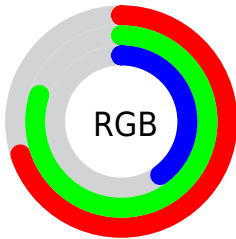
Format	Color
RYB	102, 204, 127
Decimal	11783270
CIELab	78.30, -23.89, 47.60
CIELCh	78, 53.257, 116.655
Yxy	53.7287, 0.3639, 0.4592
Android (android.graphics.Color)	4289973350 (0xFFB3CC66)
YUV	184.8970, -40.8682, -5.1717
Hunter-Lab	73.2999, -24.5802, 34.5690

Details

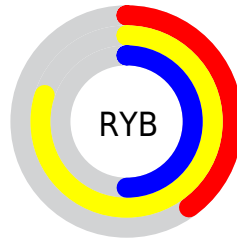
The YUV color $184.8970, -40.8682, -5.1717$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $121.1030, 40.8682, 5.1717$, and the grayscale version is $185.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.9190, -40.8791, -1.6830$, and $130.8260, -39.8472, -5.9864$ is the 20% darker color. If you saturate the color by 10%, you get $181.1220, -48.8671, -6.2460$, and if you desaturate by 10%, it is $188.6720, -32.8693, -4.0973$.

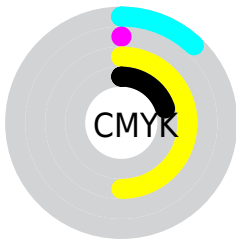
Distribution



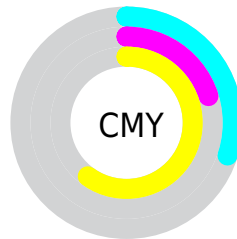
- Red (70%)
- Green (80%)
- Blue (40%)



- Red (40%)
- Yellow (80%)
- Blue (50%)



- Cyan (12%)
- Magenta (0%)
- Yellow (50%)
- Black (20%)



- Cyan (30%)
- Magenta (20%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8970, -40.8682, -5.1717 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 184.8970, -40.8682, -5.1717 by changing the saturation by 10% instead.

■ 184.8970,
-40.8682, -5.1717

■ 184.8970,
-40.8682, -5.1717

255.0000, 0.0000,
0.0000

■ 157.7120,
-40.2840, -5.8864

■ 237.9190,
-40.8791, -1.6830

■ 130.8260,
-39.8472, -5.9864

■ 246.7920,
-31.4495, 7.1984

■ 104.7120,
-40.2840, -5.8864

■ 249.9840,
-19.2191, 4.3990

■ 79.6410, -39.2630,
-6.7012

■ 253.2900, -6.5520,
1.4997

■ 58.0780, -28.6325,
-9.7154

■ 36.5040, -17.9965,
-14.4740

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 184.8970,
-40.8682, -5.1717

■ 184.8970,
-40.8682, -5.1717

■ 181.1220,
-48.8671, -6.2460

■ 188.6720,
-32.8693, -4.0973

■ 177.2330,
-57.3029, -7.2203

■ 192.5610,
-24.4336, -3.1230

■ 173.4580,
-65.3018, -8.2947

■ 196.3360,
-16.4346, -2.0487

■ 169.5690,
-73.7375, -9.2690

■ 200.2250, -7.9989,
-1.0743

■ 165.7940,
-81.7364, -10.3433

■ 204.0000, 0.0000,
0.0000

■ 207.7750, 7.9989,
1.0743

■ 211.6640, 16.4346,
2.0487

■ 214.2990, 20.0656,
4.1228

■ 215.7940, 19.3286,
7.1967

Harmonies

Analogous

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



189.6030, -48.1183, 33.6742



184.8970, -40.8682, -5.1717



176.5180, -19.4824, -51.3203

Triad

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



184.8970, -40.8682, -5.1717



154.1010, 49.7432, -135.1466



188.9700, 5.9308, 57.9083

Complementary

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



184.8970, -40.8682, -5.1717



121.1030, 40.8682, 5.1717

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.



199.4040, 24.4508, 44.3727



184.8970, -40.8682, -5.1717



174.8640, 39.5070, -71.7947

Square

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



184.8970, -40.8682, -5.1717



154.9840, 40.4339, -135.9210



193.0020, 30.5650, -3.5098



185.1450, -16.3405, 61.2628

Rectangle

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



184.8970, -40.8682, -5.1717



164.5740, 2.1820, -93.4654



193.0020, 30.5650, -3.5098



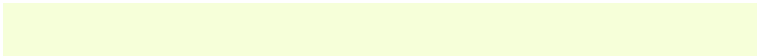
192.0820, 12.7776, 55.1791

Sweetspot

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



184.8970, -40.8682, -5.1717



247.9770, -15.2717, -1.7338



146.5860, -21.9809, 50.3521



123.5840, -9.1619, -1.3892



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.



184.8970, -40.8682, -5.1717



226.1960, -61.2286, -8.0649



169.9470, -33.4979, -35.9105



100.2620, -4.0732, -0.2298



134.8170, -66.4648, -8.6095



30.9770, -15.2717, -1.7338

Inverse Universe

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



121.1030, 40.8682, 5.1717



130.8040, 61.2286, 8.0649



136.0530, 33.4979, 35.9105



93.7380, 4.0732, 0.2298



31.1830, 66.4648, 8.6095



7.0230, 15.2717, 1.7338

Previews

White Background



This preview shows how the YUV color 184.8970, -40.8682, -5.1717 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 184.8970, -40.8682, -5.1717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

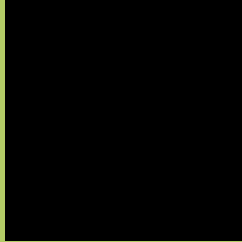
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 184.8970, -40.8682, -5.1717

Background



This preview shows how black text looks on a background with the YUV color 184.8970, -40.8682, -5.1717.



This preview shows how white text looks on a background with the YUV color 184.8970, -40.8682, -5.1717.

-5.1717.

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

184.8970, -40.8682, -5.1717

Protanopia

188.1500, -44.4440, 21.7934

Deuteranopia

190.7700, -41.2986, 39.6667



Tritanopia

193.8240, 6.9888, -1.5996

Trichromacy



Original Color

184.8970, -40.8682, -5.1717

Protanomaly

187.0240, -43.3958, 12.2570

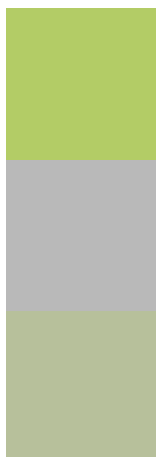
Deuteranomaly

188.3720, -41.1024, 23.3528

Tritanomaly

190.2310, -10.4669, -2.8336

Monochromacy



Original Color

184.8970, -40.8682, -5.1717

Achromatopsia

185.0000, 0.0000, 0.0000

Achromatomaly

185.0910, -14.8349, -1.8338

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8970, -40.8682, -5.1717 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(179, 204, 102)` looks like.

```
.text, #text, p{  
    color:rgb(179, 204, 102)  
}
```

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(179, 204, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 204, 102) }
```

Border

The CSS property to change the border of an element to YUV 184.8970, -40.8682, -5.1717 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(179, 204, 102) }
```


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

```
.border{ border-color:rgb(179, 204, 102) }
```

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

Here you see how a box with a 4 pixel rgb(179, 204, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 204, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 204, 102);  
box-shadow:4px 4px 4px 4px rgb(179, 204,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 184.8970, -40.8682, -5.1717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 204, 102) }
```

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

```
.background{ background-color: rgb(179,  
204, 102) }
```

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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