

Converting Colors

YUV(170.9810, -48.3046,
0.0167)

Have a look what the booklet for
YUV(170.9810, -48.3046, 0.0167)
contains.

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Color

**YUV(170.9810, -48.3046,
0.0167)**

Conversions

Conversions Part 1

Format	Color
Hex	ABBE49
RGB	171, 190, 73
RGB Percent	67%, 75%, 29%
CMY	0.3294, 0.2549, 0.7137
CMYK	0.10, 0.00, 0.62, 0.25
HSL	70°, 47%, 52%
HSV	70°, 62%, 75%
XYZ	36.4106, 45.9659, 13.2566
YIQ	170.9810, 26.2330, -40.4150

Conversions

Conversions Part 2

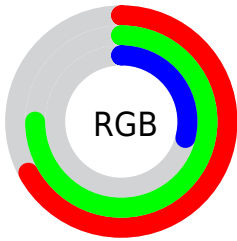
Format	Color
RYB	73, 190, 92
Decimal	11255369
CIELab	73.52, -22.74, 55.22
CIELCh	74, 59.724, 112.383
Yxy	45.9659, 0.3807, 0.4806
Android (android.graphics.Color)	4289445449 (0xFFABBE49)
YUV	170.9810, -48.3046, 0.0167
Hunter-Lab	67.7981, -22.7842, 35.8657

Details

The YUV color **170.9810, -48.3046, 0.0167** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **92.0190, 48.3046, -0.0167**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2370, -49.9098, 1.5462**, and **116.5850, -51.0674, -0.5130** is the 20% darker color. If you saturate the color by 10%, you get **167.9180, -56.1616, 0.0719**, and if you desaturate by 10%, it is **174.0440, -40.4477, -0.0386**.

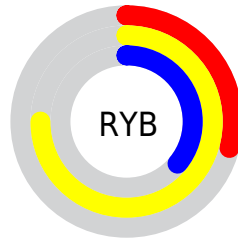
Distribution



Red (67%)

Green (75%)

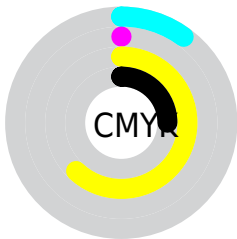
Blue (29%)



Red (29%)

Yellow (75%)

Blue (36%)

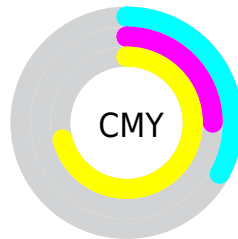


Cyan (10%)

Magenta (0%)

Yellow (62%)

Black (25%)



Cyan (33%)

Magenta (25%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.9810, -48.3046, 0.0167 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 170.9810, -48.3046, 0.0167 by changing the saturation by 10% instead.

■ 170.9810,
-48.3046, 0.0167

■ 170.9810,
-48.3046, 0.0167

■ 255.0000, 0.0000,
0.0000

■ 143.6820,
-48.1572, -0.5981

■ 227.2370,
-49.9098, 1.5462

■ 116.5850,
-51.0674, -0.5130

■ 243.4860,
-44.1166, 10.0978

■ 91.7680, -45.2416,
-2.4275

■ 246.5640,
-32.3231, 7.3984

■ 69.9060, -34.4637,
-6.0566

■ 249.8700,
-19.6559, 4.4990

■ 48.6310, -23.9751,
-10.2004

■ 253.1760, -6.9888,
1.5996

■ 26.7580, -13.1917,
-15.5738

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 170.9810,
-48.3046, 0.0167

■ 170.9810,
-48.3046, 0.0167

■ 167.9180,
-56.1616, 0.0719

■ 174.0440,
-40.4477, -0.0386

■ 164.8550,
-64.0185, 0.1272

■ 177.1070,
-32.5908, -0.0938

■ 161.7920,
-71.8755, 0.1824

■ 180.1700,
-24.7338, -0.1491

■ 159.0710,
-78.4220, -0.0623

■ 183.2330,
-16.8769, -0.2043

■ 186.2960, -9.0199,
-0.2596

■ 189.6580, -1.3104,
0.2999

■ 192.7210, 6.5465,
0.2447

■ 195.7840, 14.4035,
0.1894

■ 198.8470, 22.2604,
0.1342

Harmonies

Analogous

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



175.8660, -53.6709, 41.3365



170.9810, -48.3046, 0.0167



161.7370, -25.0133, -50.6353

Triad

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



170.9810, -48.3046, 0.0167



148.2310, 52.6371, -129.9986



177.3610, 9.6820, 68.0894

Complementary

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



170.9810, -48.3046, 0.0167



92.0190, 48.3046, -0.0167

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.



185.7010, 30.7134, 42.3582



170.9810, -48.3046, 0.0167



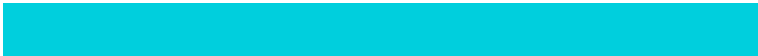
141.1870, 56.1098, -123.8210

Square

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



170.9810, -48.3046, 0.0167



146.7030, 36.6284, -128.6585



177.8740, 38.0231, -15.6755



171.6780, -14.6313, 73.0734

Rectangle

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



170.9810, -48.3046, 0.0167



137.5660, 4.1580, -120.6454



177.8740, 38.0231, -15.6755



181.1740, 16.6762, 64.7454

Sweetspot

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



170.9810, -48.3046, 0.0167



239.8910, -18.1873, 0.0956



118.5490, -22.4557, 62.6625



120.3130, -11.4933, -0.2745



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



170.9810, -48.3046, 0.0167



217.4670, -75.6592, 0.4674



153.9380, -39.9024, -35.0256



92.6750, -3.7838, 0.2850



132.2140, -65.1815, -0.1877



25.9710, -12.8037, 0.0254

Inverse Universe

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



92.0190, 48.3046, -0.0167



93.8320, 75.5118, 0.1473



109.0620, 39.9024, 35.0256



86.3250, 3.7838, -0.2850



25.7860, 65.1815, 0.1877



5.0290, 12.8037, -0.0254

Previews

White Background



This preview shows how the YUV color 170.9810, -48.3046, 0.0167 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 170.9810, -48.3046, 0.0167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

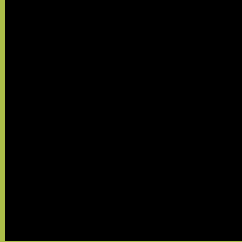
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.9810, -48.3046, 0.0167

Background



This preview shows how black text looks on a background with the YUV color 170.9810, -48.3046, 0.0167.



This preview shows how white text looks on a background with the YUV color 170.9810, -48.3046, 0.0167.

0.0167.

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

170.9810, -48.3046, 0.0167

Protanopia

174.3260, -51.4327, 23.3931

Deuteranopia

176.0600, -47.8506, 41.1664



Tritanopia

181.3900, 5.2307, 2.2890

Trichromacy



Original Color

170.9810, -48.3046, 0.0167

Protanomaly

172.9120, -50.2426, 14.9862

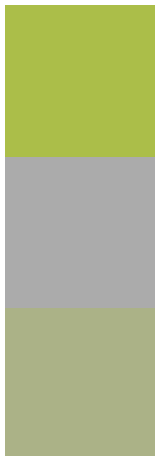
Deuteranomaly

174.2600, -47.9492, 26.0820

Tritanomaly

177.3410, -13.9721, 1.4549

Monochromacy



Original Color

170.9810, -48.3046, 0.0167

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0050, -17.7505, -0.0044

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.9810, -48.3046, 0.0167 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(171, 190, 73)` looks like.

```
.text, #text, p{  
    color:rgb(171, 190, 73)  
}
```

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(171, 190, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 190, 73) }
```

Border

The CSS property to change the border of an element to YUV 170.9810, -48.3046, 0.0167 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(171, 190, 73) }
```


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

```
.border{ border-color:rgb(171, 190, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 190, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 190, 73); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 190, 73); box-shadow:4px 4px 4px 4px rgb(171, 190, 73) }
```

Background

The CSS property to change the background color of an element to YUV 170.9810, -48.3046, 0.0167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 190, 73) }
```

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

```
.background{ background-color: rgb(171,  
190, 73) }
```

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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