

Converting Colors

YUV(168.3680, -48.4954,
14.5863)

Have a look what the booklet for
YUV(168.3680, -48.4954, 14.5863)
contains.

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Color

**YUV(168.3680, -48.4954,
14.5863)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B346
RGB	185, 179, 70
RGB Percent	73%, 70%, 27%
CMY	0.2745, 0.2980, 0.7255
CMYK	0.00, 0.03, 0.62, 0.27
HSL	57°, 45%, 50%
HSV	57°, 62%, 73%
XYZ	37.2332, 42.9967, 12.1311
YIQ	168.3680, 38.5650, -32.6270

Conversions

Conversions Part 2

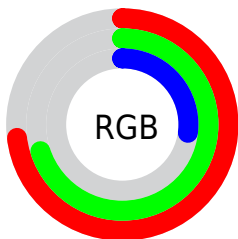
Format	Color
RYB	76, 185, 70
Decimal	12170054
CIELab	71.55, -11.53, 54.72
CIELCh	72, 55.918, 101.904
Yxy	42.9967, 0.4031, 0.4655
Android (android.graphics.Color)	4290360134 (0xFFB9B346)
YUV	168.3680, -48.4954, 14.5863
Hunter-Lab	65.5719, -13.3944, 34.9313

Details

The YUV color **168.3680, -48.4954, 14.5863** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **86.6320, 48.4954, -14.5863**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.6240, -50.1006, 16.1158**, and **114.1460, -51.8370, 13.0270** is the 20% darker color. If you saturate the color by 10%, you get **165.7290, -56.0684, 16.9007**, and if you desaturate by 10%, it is **171.1210, -40.4857, 12.1719**.

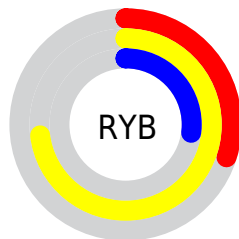
Distribution



Red (73%)

Green (70%)

Blue (27%)



Red (30%)

Yellow (73%)

Blue (27%)

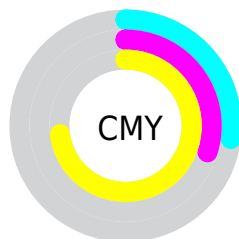


Cyan (0%)

Magenta (3%)

Yellow (62%)

Black (27%)



Cyan (27%)

Magenta (30%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3680, -48.4954, 14.5863 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 168.3680, -48.4954, 14.5863 by changing the saturation by 10% instead.

■ 168.3680,
-48.4954, 14.5863

■ 168.3680,
-48.4954, 14.5863

■ 255.0000, 0.0000,
0.0000

■ 141.0690,
-48.3480, 13.9715

■ 224.6240,
-50.1006, 16.1158

■ 114.1460,
-51.8370, 13.0270

■ 243.0300,
-45.8638, 10.4977

■ 90.3720, -44.5534,
10.1978

■ 246.2220,
-33.6334, 7.6983

■ 68.5100, -33.7754,
6.5687

■ 249.4140,
-21.4031, 4.8989

■ 47.2350, -23.2869,
2.4249

■ 252.7200, -8.7360,
1.9996

■ 27.4330, -13.5245,
-2.1337

■ 6.4570, -3.1833,

-5.6628

■ 0.0000, 0.0000,
0.0000

■ 168.3680,
-48.4954, 14.5863

■ 168.3680,
-48.4954, 14.5863

■ 165.7290,
-56.0684, 16.9007

■ 171.1210,
-40.4857, 12.1719

■ 162.9760,
-64.0782, 19.3150

■ 173.7600,
-32.9127, 9.8575

■ 160.2230,
-72.0879, 21.7294

■ 176.5130,
-24.9029, 7.4431

■ 158.0400,
-77.9137, 23.6439

■ 179.1520,
-17.3299, 5.1287

■ 181.9050, -9.3202,
2.7143

■ 184.5440, -1.7472,
0.3999

■ 187.2970, 6.2626,
-2.0145

■ 189.9360, 13.8356,
-4.3289

■ 192.6890, 21.8453,
-6.7433

Harmonies

Analogous

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



171.9410, -47.2989, 50.9177



168.3680, -48.4954, 14.5863



162.2190, -32.6460, -29.1331

Triad

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



168.3680, -48.4954, 14.5863



143.8140, 48.4057, -126.1249



179.1910, 14.2028, 64.7305

Complementary

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



168.3680, -48.4954, 14.5863



86.6320, 48.4954, -14.5863

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.



180.4210, 35.2884, 21.5558



168.3680, -48.4954, 14.5863



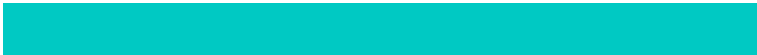
140.0130, 56.6886, -122.7914

Square

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



168.3680, -48.4954, 14.5863



140.2170, 27.0080, -122.9703



167.9850, 42.8984, -39.4518



171.0400, -6.9217, 73.6329

Rectangle

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



168.3680, -48.4954, 14.5863



153.5100, -14.0554, -65.3453



167.9850, 42.8984, -39.4518



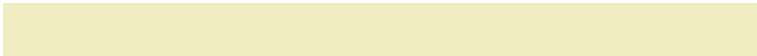
180.0630, 21.6609, 52.5647

Sweetspot

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



168.3680, -48.4954, 14.5863



232.9950, -19.2245, 6.1434



105.2970, -13.4574, 69.8995



115.6340, -11.6516, 3.8290



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



168.3680, -48.4954, 14.5863



213.6100, -75.7297, 23.1440



156.9400, -42.8614, -19.2414



90.3870, -3.6418, 1.4146



132.9330, -65.5360, 20.2298



24.2210, -11.9410, 3.3142

Inverse Universe

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



86.6320, 48.4954, -14.5863



85.8030, 76.0191, -22.6292



98.0600, 42.8614, 19.2414



84.0260, 3.9312, -0.8998



22.4800, 65.8254, -19.7150



3.7790, 11.9410, -3.3142

Previews

White Background



This preview shows how the YUV color 168.3680, -48.4954, 14.5863 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 168.3680, -48.4954, 14.5863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

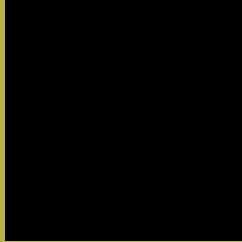
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.3680, -48.4954, 14.5863

Background



This preview shows how black text looks on a background with the YUV color 168.3680, -48.4954, 14.5863.



This preview shows how white text looks on a background with the YUV color 168.3680, -48.4954,

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

168.3680, -48.4954, 14.5863

Protanopia

169.4830, -49.5381, 22.3784

Deuteranopia

171.3480, -47.9926, 40.0368



Tritanopia

177.5550, 1.6984, 15.2993

Trichromacy



Original Color

168.3680, -48.4954, 14.5863

Protanomaly

168.8740, -49.2379, 19.4045

Deuteranomaly

169.9940, -47.8180, 30.7003

Tritanomaly

174.1470, -16.3415, 14.7801

Monochromacy



Original Color

168.3680, -48.4954, 14.5863

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.0380, -17.7667, 5.2287

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3680, -48.4954, 14.5863 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(185, 179, 70)` looks like.

```
.text, #text, p{  
    color:rgb(185, 179, 70)  
}
```

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(185, 179, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 179, 70) }
```

Border

The CSS property to change the border of an element to YUV 168.3680, -48.4954, 14.5863 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(185, 179, 70) }
```


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

```
.border{ border-color:rgb(185, 179, 70) }
```

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

Here you see how a box with a 4 pixel rgb(185, 179, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 179, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 179, 70);  
box-shadow:4px 4px 4px 4px rgb(185, 179,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 168.3680, -48.4954, 14.5863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 179, 70) }
```

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

```
.background{ background-color: rgb(185,  
179, 70) }
```

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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