

Converting Colors

YUV(180.1860, -39.0387,
14.7459)

Have a look what the booklet for
YUV(180.1860, -39.0387, 14.7459)
contains.

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Color

**YUV(180.1860, -39.0387,
14.7459)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BB65
RGB	197, 187, 101
RGB Percent	77%, 73%, 40%
CMY	0.2275, 0.2667, 0.6039
CMYK	0.00, 0.05, 0.49, 0.23
HSL	54°, 45%, 58%
HSV	54°, 49%, 77%
XYZ	43.1452, 48.3505, 19.3705
YIQ	180.1860, 33.5660, -24.6260

Conversions

Conversions Part 2

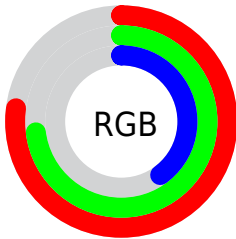
Format	Color
RYB	112, 197, 101
Decimal	12958565
CIELab	75.05, -8.17, 44.49
CIELCh	75, 45.235, 100.404
Yxy	48.3505, 0.3892, 0.4361
Android (android.graphics.Color)	4291148645 (0xFFC5BB65)
YUV	180.1860, -39.0387, 14.7459
Hunter-Lab	69.5346, -10.9287, 32.1575

Details

The YUV color **180.1860, -39.0387, 14.7459** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **117.8140, 39.0387, -14.7459**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4420, -40.6439, 16.2754**, and **126.6310, -37.2861, 12.6016** is the 20% darker color. If you saturate the color by 10%, you get **176.7320, -47.1959, 17.7750**, and if you desaturate by 10%, it is **183.6400, -30.8815, 11.7167**.

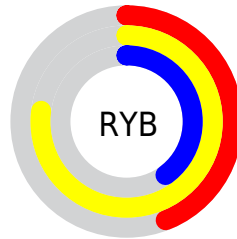
Distribution



Red (77%)

Green (73%)

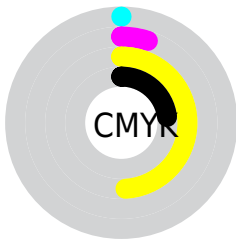
Blue (40%)



Red (44%)

Yellow (77%)

Blue (40%)

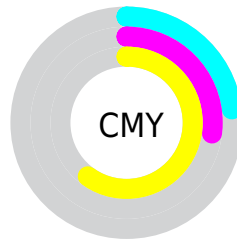


Cyan (0%)

Magenta (5%)

Yellow (49%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.1860, -39.0387, 14.7459 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 180.1860, -39.0387, 14.7459 by changing the saturation by 10% instead.

■ 180.1860,
-39.0387, 14.7459

■ 180.1860,
-39.0387, 14.7459

255.0000, 0.0000,
0.0000

■ 153.1150,
-38.0177, 13.9311

■ 236.4420,
-40.6439, 16.2754

■ 126.6310,
-37.2861, 12.6016

■ 246.5640,
-32.3231, 7.3984

■ 100.9190,
-37.4281, 11.4720

■ 249.7560,
-20.0927, 4.5990

■ 76.2070, -37.5701,
10.3425

■ 253.0620, -7.4256,
1.6996

■ 55.2310, -27.2289,
6.8134

■ 34.8420, -17.1771,
2.7696

■ 14.4200, -7.1091,

-6.5073

■ 0.0000, 0.0000,
0.0000

■ 180.1860,
-39.0387, 14.7459

■ 180.1860,
-39.0387, 14.7459

■ 176.7320,
-47.1959, 17.7750

■ 183.6400,
-30.8815, 11.7167

■ 173.3920,
-54.9163, 20.7042

■ 186.9800,
-23.1611, 8.7875

■ 169.9380,
-63.0734, 23.7334

■ 190.4340,
-15.0040, 5.7584

■ 166.4840,
-71.2306, 26.7625

■ 193.8880, -6.8468,
2.7292

■ 163.0300,
-79.3878, 29.7917

■ 197.3420, 1.3104,
-0.2999

■ 162.2150,
-79.9720, 30.5064

■ 200.6820, 9.0308,
-3.2291

■ 204.1360, 17.1880,
-6.2583

■ 207.1340, 23.5979,
-8.8875

■ 208.3080, 23.0192,
-9.9171

Harmonies

Analogous

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



183.6010, -38.2573, 44.1999



180.1860, -39.0387, 14.7459



175.0550, -27.1421, -21.0962

Triad

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



180.1860, -39.0387, 14.7459



146.8800, 44.9222, -128.8138



189.5330, 12.0622, 51.2756

Complementary

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



180.1860, -39.0387, 14.7459



117.8140, 39.0387, -14.7459

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.



189.0800, 29.0476, 16.5928



180.1860, -39.0387, 14.7459



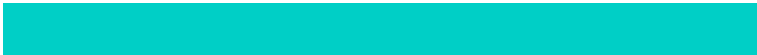
161.7520, 45.9713, -91.8675

Square

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



180.1860, -39.0387, 14.7459



144.0810, 26.5821, -126.3590



180.7320, 36.6141, -30.4600



184.4900, -6.1576, 61.8373

Rectangle

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



180.1860, -39.0387, 14.7459



170.0330, -13.8203, -47.3869



180.7320, 36.6141, -30.4600



190.0740, 18.2045, 41.1541

Sweetspot

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



180.1860, -39.0387, 14.7459



248.3200, -15.4408, 5.8584



130.9580, -9.3463, 57.9188



123.6170, -9.1782, 3.8439



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.



180.1860, -39.0387, 14.7459



229.3230, -60.3052, 22.5187



174.9930, -36.4785, -13.1489



97.3870, -3.6418, 1.4146



134.4390, -66.2784, 25.0480



29.5480, -14.5672, 5.6584

Inverse Universe

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



117.8140, 39.0387, -14.7459



133.2640, 60.0158, -23.0335



123.0070, 36.4785, 13.1489



91.6130, 3.6418, -1.4146



28.5610, 66.2784, -25.0480



6.4520, 14.5672, -5.6584

Previews

White Background



This preview shows how the YUV color 180.1860, -39.0387, 14.7459 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 180.1860, -39.0387, 14.7459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

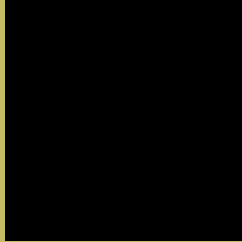
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.1860, -39.0387, 14.7459

Background



This preview shows how black text looks on a background with the YUV color 180.1860, -39.0387, 14.7459.



This preview shows how white text looks on a background with the YUV color 180.1860, -39.0387, 14.7459.

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

180.1860, -39.0387, 14.7459

Protanopia

180.6920, -39.7812, 19.5641

Deuteranopia

182.4430, -38.6724, 37.3225



Tritanopia

187.2670, 1.8404, 16.4288

Trichromacy



Original Color

180.1860, -39.0387, 14.7459

Protanomaly

180.6810, -39.7757, 17.8198

Deuteranomaly

181.6870, -38.7927, 29.2155

Tritanomaly

184.9560, -13.2893, 15.8246

Monochromacy



Original Color

180.1860, -39.0387, 14.7459

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.2490, -14.4198, 5.0436

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.1860, -39.0387, 14.7459 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(197, 187, 101)` looks like.

```
.text, #text, p{  
    color:rgb(197, 187, 101)  
}
```

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(197, 187, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 187, 101) }
```

Border

The CSS property to change the border of an element to YUV 180.1860, -39.0387, 14.7459 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(197, 187, 101) }
```


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

```
.border{ border-color:rgb(197, 187, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 187, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 187, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 187, 101);  
box-shadow:4px 4px 4px 4px rgb(197, 187,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 180.1860, -39.0387, 14.7459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 187, 101) }
```

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

```
.background{ background-color: rgb(197,  
187, 101) }
```

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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