

Converting Colors

YUV(185.5240, -68.7853,
-10.9835)

Have a look what the booklet for
YUV(185.5240, -68.7853, -10.9835)
contains.

YUV(185.5240, -68.7853, -10.9835)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(185.5240, -68.7853,
-10.9835)**

Conversions

Conversions Part 1

Format	Color
Hex	ADDB2E
RGB	173, 219, 46
RGB Percent	68%, 86%, 18%
CMY	0.3216, 0.1412, 0.8196
CMYK	0.21, 0.00, 0.79, 0.14
HSL	76°, 71%, 52%
HSV	76°, 79%, 86%
XYZ	43.0582, 59.7445, 11.8472
YIQ	185.5240, 28.1170, -63.5550

Conversions

Conversions Part 2

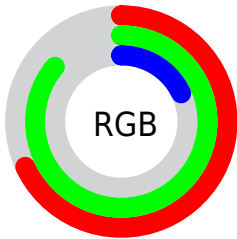
Format	Color
R _Y B	46, 219, 92
Decimal	11393838
CIE Lab	81.70, -37.11, 72.97
CIE LCh	82, 81.859, 116.956
Yxy	59.7445, 0.3756, 0.5211
Android (android.graphics.Color)	4289583918 (0xFFADDB2E)
YUV	185.5240, -68.7853, -10.9835
Hunter-Lab	77.2946, -35.8291, 45.0186

Details

The YUV color **185.5240, -68.7853, -10.9835** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **79.4760, 68.7853, 10.9835**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.2510, -61.2557, 0.6569**, and **130.9520, -64.5593, -13.1129** is the 20% darker color. If you saturate the color by 10%, you get **181.2220, -77.5104, -12.4727**, and if you desaturate by 10%, it is **189.8260, -60.0602, -9.4944**.

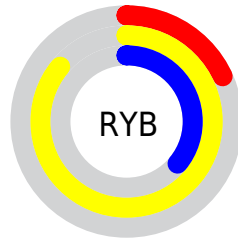
Distribution



Red (68%)

Green (86%)

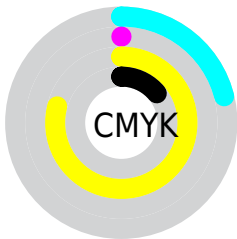
Blue (18%)



Red (18%)

Yellow (86%)

Blue (36%)

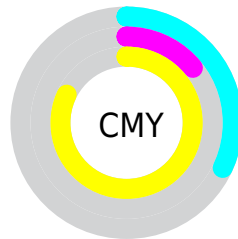


Cyan (21%)

Magenta (0%)

Yellow (79%)

Black (14%)



Cyan (32%)

Magenta (14%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.5240, -68.7853, -10.9835 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 185.5240, -68.7853, -10.9835 by changing the saturation by 10% instead.

■ 185.5240,
-68.7853, -10.9835

■ 185.5240,
-68.7853, -10.9835

255.0000, 0.0000,
0.0000

■ 155.1730,
-76.5003, -9.7987

■ 231.2510,
-61.2557, 0.6569

■ 130.9520,
-64.5593, -13.1129

■ 241.3200,
-52.4158, 11.9974

■ 106.4320,
-52.4710, -17.0419

■ 244.6260,
-39.7486, 9.0980

■ 83.3850, -41.1088,
-21.3856

■ 247.9320,
-27.0815, 6.1986

■ 59.1420, -29.1570,
-28.1885

■ 251.2380,
-14.4143, 3.2993

■ 36.9810, -18.2316,
-32.4323

254.6580, -1.3104,

■ 24.0670, -11.8650,

0.2999

-21.1068

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,
0.0000

■ 185.5240,
-68.7853, -10.9835

■ 185.5240,
-68.7853, -10.9835

■ 181.2220,
-77.5104, -12.4727

■ 189.8260,
-60.0602, -9.4944

■ 176.9200,
-86.2356, -13.9618

■ 194.1280,
-51.3351, -8.0053

■ 176.6920,
-87.1092, -13.7619

■ 198.1310,
-42.4626, -7.1309

■ 202.4330,
-33.7375, -5.6417

■ 206.7350,
-25.0124, -4.1526

■ 210.9230,
-16.7240, -2.5635

■ 215.2250, -7.9989,
-1.0743

■ 219.5270, 0.7262,
0.4148

■ 223.5300, 9.5987,
1.2892

Harmonies

Analogous

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



191.3870, -87.4518, 49.6496



185.5240, -68.7853, -10.9835



164.1300, -24.7141, -100.0920

Triad

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



185.5240, -68.7853, -10.9835



164.6670, 44.5342, -144.4130



175.1900, 19.1333, 69.9934

Complementary

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



185.5240, -68.7853, -10.9835



79.4760, 68.7853, 10.9835

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.



193.9520, 30.0967, 53.5391



185.5240, -68.7853, -10.9835



154.6880, 49.4538, -135.6614

Square

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



185.5240, -68.7853, -10.9835



168.7760, 42.5084, -148.0166



194.1650, 29.9917, -6.2837



171.8090, -16.6678, 72.9585

Rectangle

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



185.5240, -68.7853, -10.9835



158.0430, 3.9228, -138.6037



194.1650, 29.9917, -6.2837



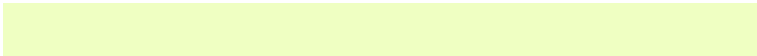
181.0890, 29.0431, 64.8199

Sweetspot

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



185.5240, -68.7853, -10.9835



243.2620, -24.2862, -3.7378



122.9680, -37.9452, 84.2201



120.7920, -14.6875, -2.4486



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.



185.5240, -68.7853, -10.9835



208.2760, -96.2711, -15.1511



160.4080, -56.4031, -62.6248



107.8490, -4.3626, -0.7446



139.5240, -68.7853, -10.9835



37.1680, -18.3238, -2.7783

Inverse Universe

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



79.4760, 68.7853, 10.9835



59.7240, 96.2711, 15.1511



104.5920, 56.4031, 62.6248



101.1510, 4.3626, 0.7446



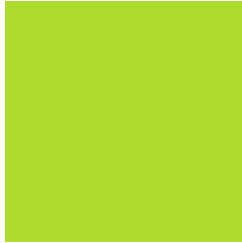
33.4760, 68.7853, 10.9835



8.8320, 18.3238, 2.7783

Previews

White Background



This preview shows how the YUV color 185.5240, -68.7853, -10.9835 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 185.5240, -68.7853, -10.9835 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 185.5240, -68.7853, -10.9835 Background



This preview shows how black text looks on a background with the YUV color 185.5240, -68.7853, -10.9835.



This preview shows how white text looks on a background with the YUV color 185.5240, -68.7853, -10.9835.

-10.9835.

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

185.5240, -68.7853, -10.9835

Protanopia

192.1210, -74.0097, 31.4659

Deuteranopia

195.3760, -67.2334, 51.4132



Tritanopia

201.9370, 8.9051, -9.5917

Trichromacy



Original Color

185.5240, -68.7853, -10.9835

Protanomaly

189.7770, -72.3611, 15.9816

Deuteranomaly

192.0050, -68.0365, 28.9366

Tritanomaly

195.5970, -19.0283, -10.1706

Monochromacy



Original Color

185.5240, -68.7853, -10.9835

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

185.7350, -25.0124, -4.1526

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.5240, -68.7853, -10.9835 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(173, 219, 46)` looks like.

```
.text, #text, p{  
    color:rgb(173, 219, 46)  
}
```

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(173, 219, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 219, 46) }
```

Border

The CSS property to change the border of an element to YUV 185.5240, -68.7853, -10.9835 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(173, 219, 46) }
```


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

```
.border{ border-color:rgb(173, 219, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 219, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 219, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 219, 46);  
box-shadow:4px 4px 4px 4px rgb(173, 219,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 185.5240, -68.7853, -10.9835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 219, 46) }
```

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

```
.background{ background-color: rgb(173,  
219, 46) }
```

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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