

Converting Colors

YUV(83.0670, -11.8650,
-21.1068)

Have a look what the booklet for
YUV(83.0670, -11.8650, -21.1068)
contains.

YUV(83.0670, -11.8650, -21.1068)	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(83.0670, -11.8650,
-21.1068)**

Conversions

Conversions Part 1

Format	Color
Hex	3B643B
RGB	59, 100, 59
RGB Percent	23%, 39%, 23%
CMY	0.7686, 0.6078, 0.7686
CMYK	0.41, 0.00, 0.41, 0.61
HSL	120°, 26%, 31%
HSV	120°, 41%, 39%
XYZ	7.1502, 10.3599, 5.7605
YIQ	83.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

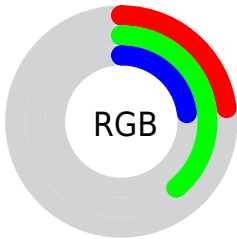
Format	Color
RYB	59, 100, 100
Decimal	3892283
CIELab	38.48, -23.76, 18.85
CIELCh	38, 30.329, 141.570
Yxy	10.3599, 0.3073, 0.4452
Android (android.graphics.Color)	4282082363 (0xFF3B643B)
YUV	83.0670, -11.8650, -21.1068
Hunter-Lab	32.1868, -16.6736, 11.9196

Details

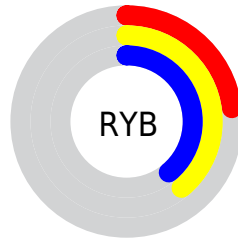
The YUV color **83.0670, -11.8650, -21.1068** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **75.9330, 11.8650, 21.1068**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1270, -12.8806, -22.0364**, and **35.9250, -9.8230, -22.7362** is the 20% darker color. If you saturate the color by 10%, you get **78.9370, -14.7589, -26.2547**, and if you desaturate by 10%, it is **87.1970, -8.9711, -15.9588**.

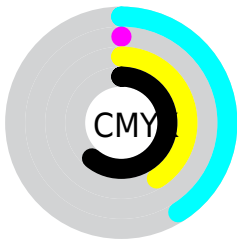
Distribution



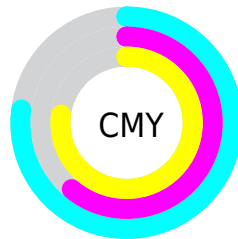
- Red (23%)
- Green (39%)
- Blue (23%)



- Red (23%)
- Yellow (39%)
- Blue (39%)



- Cyan (41%)
- Magenta (0%)
- Yellow (41%)
- Black (61%)



- Cyan (77%)
- Magenta (61%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.0670, -11.8650, -21.1068 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 83.0670, -11.8650, -21.1068 by changing the saturation by 10% instead.

■ 83.0670, -11.8650,
-21.1068

■ 83.0670, -11.8650,
-21.1068

255.0000, 0.0000,
0.0000

■ 59.2950, -10.9914,
-21.3067

■ 133.1270,
-12.8806, -22.0364

■ 35.9250, -9.8230,
-22.7362

■ 159.6000,
-13.6068, -22.4512

■ 18.7840, -9.2605,
-16.4736

■ 187.0730,
-14.3330, -22.8660

■ 0.0000, 0.0000,
0.0000

■ 214.6600,
-14.6224, -23.3808

■ 238.5510,
-12.5966, -19.7772

■ 250.5280, -4.2043,

-4.8481

■ 83.0670, -11.8650,
-21.1068

■ 83.0670, -11.8650,
-21.1068

■ 78.9370, -14.7589,
-26.2547

■ 87.1970, -8.9711,
-15.9588

■ 74.8070, -17.6529,
-31.4027

■ 91.3270, -6.0772,
-10.8108

■ 70.6770, -20.5468,
-36.5507

■ 95.4570, -3.1833,
-5.6628

■ 66.5470, -23.4407,
-41.6987

■ 99.5870, -0.2894,
-0.5148

■ 62.4170, -26.3346,
-46.8467

■ 103.7170, 2.6045,
4.6332

■ 58.7000, -28.9391,
-51.4799

■ 107.8470, 5.4984,
9.7812

■ 111.9770, 8.3923,
14.9292

■ 116.1070, 11.2862,
20.0772

■ 120.2370, 14.1802,
25.2252

Harmonies

Analogous

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



86.9790, -21.6816, 0.8954



83.0670, -11.8650, -21.1068



73.8100, 4.5307, -53.3304

Triad

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



83.0670, -11.8650, -21.1068



80.5810, 28.8006, -44.3595



91.0760, -8.4185, 40.2753

Complementary

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



83.0670, -11.8650, -21.1068



75.9330, 11.8650, 21.1068

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.



92.7300, 3.0911, 35.3168



83.0670, -11.8650, -21.1068



91.0910, 22.1401, -7.9728

Square

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



83.0670, -11.8650, -21.1068



73.8790, 26.6817, -64.7919



93.0790, 13.7651, 18.3477



90.3990, -18.4377, 33.8531

Rectangle

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



83.0670, -11.8650, -21.1068



71.8610, 13.8725, -63.0221



93.0790, 13.7651, 18.3477



91.4010, -4.6347, 39.9903

Sweetspot

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



83.0670, -11.8650, -21.1068



123.3920, -4.6303, -8.2368



95.3260, -17.9087, 4.0991



62.2830, -2.6045, -4.6332



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



83.0670, -11.8650, -21.1068



103.5680, -18.5210, -32.9471



85.4610, -2.6923, -23.2063



48.9350, -1.4470, -2.5740



67.5050, -33.2800, -59.2019



142.0540, -70.0326, -124.5814

Inverse Universe

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



75.9330, 11.8650, 21.1068



92.4320, 18.5210, 32.9471



73.6530, 3.1291, 23.1063



48.0650, 1.4470, 2.5740



47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 83.0670, -11.8650, -21.1068 looks on a white background.

Color Contrast Check

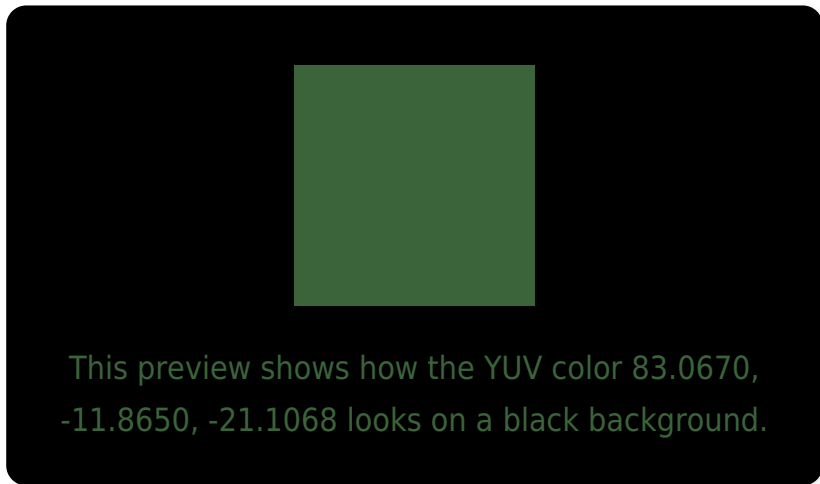
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

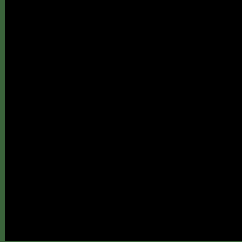
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.0670, -11.8650, -21.1068

Background



This preview shows how black text looks on a background with the YUV color 83.0670, -11.8650, -21.1068.



This preview shows how white text looks on a background with the YUV color 83.0670, -11.8650,

-21.1068.

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

83.0670, -11.8650, -21.1068

Protanopia

88.7010, -16.6146, 9.0322

Deuteranopia

89.8420, -13.7261, 15.9246



Tritanopia

87.7250, 7.0376, -17.2988

Trichromacy



Original Color

83.0670, -11.8650, -21.1068

Protanomaly

86.6780, -15.1243, -2.3486

Deuteranomaly

87.2810, -12.9565, 2.3846

Tritanomaly

86.1780, -0.0878, -18.5731

Monochromacy



Original Color

83.0670, -11.8650, -21.1068

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8050, -4.3409, -7.7220

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.0670, -11.8650, -21.1068 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(59, 100, 59)` looks like.

```
.text, #text, p{  
    color:rgb(59, 100, 59)  
}
```

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(59, 100, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 100, 59) }
```

Border

The CSS property to change the border of an element to YUV 83.0670, -11.8650, -21.1068 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(59, 100, 59) }
```


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

```
.border{ border-color:rgb(59, 100, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 100, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 100, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 100, 59);  
box-shadow:4px 4px 4px 4px rgb(59, 100,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 83.0670, -11.8650, -21.1068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 100, 59) }
```

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

```
.background{ background-color: rgb(59, 100,  
59) }
```

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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