

Converting Colors

YUV(75.0670, -11.8650,
-21.1068)

Have a look what the booklet for
YUV(75.0670, -11.8650, -21.1068)
contains.

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Color

**YUV(75.0670, -11.8650,
-21.1068)**

Conversions

Conversions Part 1

Format	Color
Hex	335C33
RGB	51, 92, 51
RGB Percent	20%, 36%, 20%
CMY	0.8000, 0.6392, 0.8000
CMYK	0.45, 0.00, 0.45, 0.64
HSL	120°, 29%, 28%
HSV	120°, 45%, 36%
XYZ	5.7899, 8.5971, 4.4862
YIQ	75.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

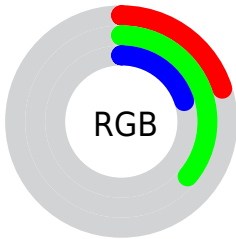
Format	Color
RYB	51, 92, 92
Decimal	3365939
CIELab	35.20, -23.94, 19.19
CIELCh	35, 30.684, 141.282
Yxy	8.5971, 0.3068, 0.4555
Android (android.graphics.Color)	4281556019 (0xFF335C33)
YUV	75.0670, -11.8650, -21.1068
Hunter-Lab	29.3208, -16.0634, 11.4530

Details

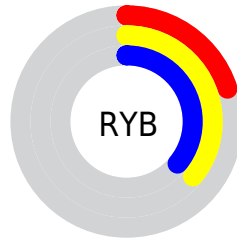
The YUV color **75.0670, -11.8650, -21.1068** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **67.9330, 11.8650, 21.1068**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.0130, -13.3174, -21.9364**, and **27.9960, -10.8440, -21.9215** is the 20% darker color. If you saturate the color by 10%, you get **71.3500, -14.4695, -25.7399**, and if you desaturate by 10%, it is **78.7840, -9.2605, -16.4736**.

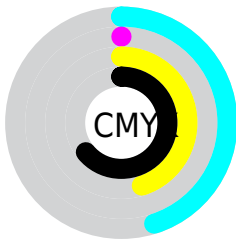
Distribution



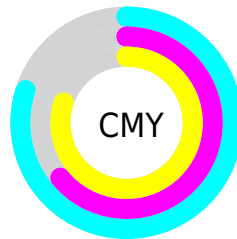
- Red (20%)
- Green (36%)
- Blue (20%)



- Red (20%)
- Yellow (36%)
- Blue (36%)



- Cyan (45%)
- Magenta (0%)
- Yellow (45%)
- Black (64%)



- Cyan (80%)
- Magenta (64%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.0670, -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 75.0670, -11.8650, -21.1068 by changing the saturation by 10% instead.

■ 75.0670, -11.8650,
-21.1068

■ 75.0670, -11.8650,
-21.1068

255.0000, 0.0000,
0.0000

■ 51.2950, -10.9914,
-21.3067

■ 125.0130,
-13.3174, -21.9364

■ 27.9960, -10.8440,
-21.9215

■ 150.8990,
-13.7542, -21.8364

■ 15.8490, -7.8136,
-13.8996

■ 178.0730,
-14.3330, -22.8660

■ 0.0000, 0.0000,
0.0000

■ 205.6600,
-14.6224, -23.3808

■ 233.5460,
-15.0592, -23.2808

■ 246.2840, -7.5350,

-9.8961

■ 75.0670, -11.8650,
-21.1068

■ 75.0670, -11.8650,
-21.1068

■ 71.3500, -14.4695,
-25.7399

■ 78.7840, -9.2605,
-16.4736

■ 67.6330, -17.0741,
-30.3731

■ 82.5010, -6.6560,
-11.8404

■ 63.5030, -19.9680,
-35.5211

■ 86.6310, -3.7621,
-6.6924

■ 59.7860, -22.5725,
-40.1543

■ 90.3480, -1.1576,
-2.0592

■ 56.0690, -25.1770,
-44.7875

■ 94.0650, 1.4470,
2.5740

■ 54.0040, -26.6240,
-47.3615

■ 97.7820, 4.0515,
7.2072

■ 101.4990, 6.6560,
11.8404

■ 105.6290, 9.5499,
16.9884

■ 109.3460, 12.1544,
21.6216

Harmonies

Analogous

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



78.9790, -21.6816, 0.8954



75.0670, -11.8650, -21.1068



64.3150, 5.2677, -56.4043

Triad

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



75.0670, -11.8650, -21.1068



68.9930, 30.5695, -51.7369



83.0760, -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.



75.0670, -11.8650, -21.1068



67.9330, 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.



84.4310, 3.2385, 34.7020



75.0670, -11.8650, -21.1068



82.7920, 22.2875, -8.5876

Square

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



75.0670, -11.8650, -21.1068



68.2710, 25.5024, -59.8737



85.7800, 13.9125, 17.7329



82.3990, -18.4377, 33.8531

Rectangle

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



75.0670, -11.8650, -21.1068



66.2530, 12.6933, -58.1039



85.7800, 13.9125, 17.7329



83.4010, -4.6347, 39.9903

Sweetspot

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



75.0670, -11.8650, -21.1068



113.3920, -4.6303, -8.2368



87.3260, -17.9087, 4.0991



56.8700, -2.8939, -5.1480



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



75.0670, -11.8650, -21.1068



93.5680, -18.5210, -32.9471



77.4610, -2.6923, -23.2063



43.9350, -1.4470, -2.5740



64.5700, -31.8330, -56.6279



139.1190, -68.5857, -122.0074

Inverse Universe

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



67.9330, 11.8650, 21.1068



82.4320, 18.5210, 32.9471



65.6530, 3.1291, 23.1063



43.0650, 1.4470, 2.5740



45.4300, 31.8330, 56.6279



97.8810, 68.5857, 122.0074

Previews

White Background



This preview shows how the YUV color 75.0670, -11.8650, -21.1068 looks on a white background.

Color Contrast Check

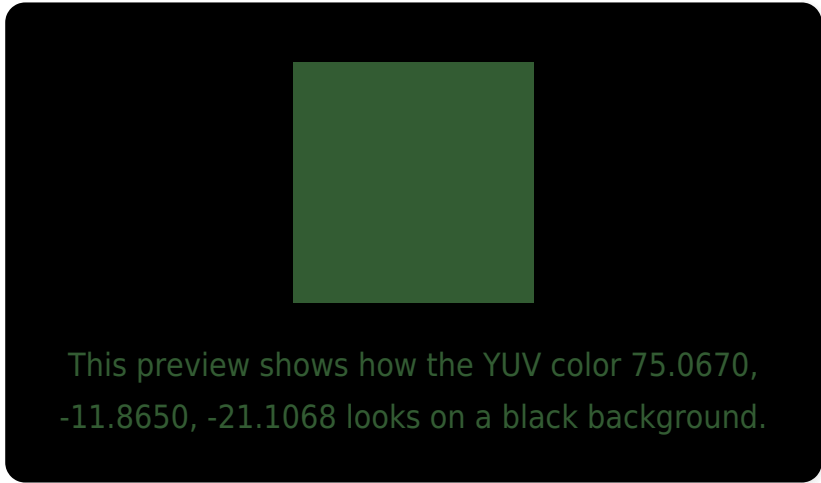
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

YUV 75.0670, -11.8650, -21.1068

Background



This preview shows how black text looks on a background with the YUV color 75.0670, -11.8650, -21.1068.



This preview shows how white text looks on a background with the YUV color 75.0670, -11.8650,

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

75.0670, -11.8650, -21.1068

Protanopia

80.9890, -16.7566, 7.9026

Deuteranopia

82.1300, -13.8681, 14.7950



Tritanopia

79.7250, 7.0376, -17.2988

Trichromacy



Original Color

75.0670, -11.8650, -21.1068

Protanomaly

78.6780, -15.1243, -2.3486

Deuteranomaly

79.8680, -13.2459, 1.8698

Tritanomaly

78.1780, -0.0878, -18.5731

Monochromacy



Original Color

75.0670, -11.8650, -21.1068

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.8050, -4.3409, -7.7220

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.0670, -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(51, 92, 51)` looks like.

```
.text, #text, p{  
    color:rgb(51, 92, 51)  
}
```

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(51, 92, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 92, 51) }
```

Border

The CSS property to change the border of an element to YUV 75.0670, -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(51, 92, 51) }
```


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

```
.border{ border-color:rgb(51, 92, 51) }
```

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

Here you see how a box with a 4 pixel rgb(51, 92, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 92, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 92, 51);  
box-shadow:4px 4px 4px 4px rgb(51, 92, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.0670, -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(51, 92, 51) }
```

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

```
.background{ background-color: rgb(51, 92,  
51) }
```

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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