

Converting Colors

YUV(111.5070, -29.3370,
-17.1076)

Have a look what the booklet for
YUV(111.5070, -29.3370, -17.1076)
contains.

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Color

**YUV(111.5070, -29.3370,
-17.1076)**

Conversions

Conversions Part 1

Format	Color
Hex	5C8534
RGB	92, 133, 52
RGB Percent	36%, 52%, 20%
CMY	0.6392, 0.4784, 0.7961
CMYK	0.31, 0.00, 0.61, 0.48
HSL	90°, 44%, 36%
HSV	90°, 61%, 52%
XYZ	13.4210, 19.2983, 6.2664
YIQ	111.5070, 1.5650, -33.8830

Conversions

Conversions Part 2

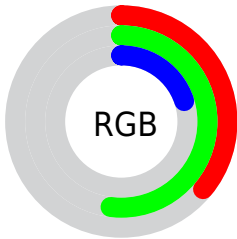
Format	Color
RYB	52, 133, 93
Decimal	6063412
CIELab	51.03, -28.57, 38.36
CIElCh	51, 47.832, 126.683
Yxy	19.2983, 0.3443, 0.4950
Android (android.graphics.Color)	4284253492 (0xFF5C8534)
YUV	111.5070, -29.3370, -17.1076
Hunter-Lab	43.9298, -22.3437, 22.2934

Details

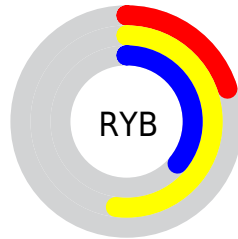
The YUV color **111.5070, -29.3370, -17.1076** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **73.4930, 29.3370, 17.1076**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1650, -30.6473, -16.8077**, and **60.9800, -30.0631, -17.5225** is the 20% darker color. If you saturate the color by 10%, you get **107.9320, -33.9835, -20.1114**, and if you desaturate by 10%, it is **115.0820, -24.6904, -14.1039**.

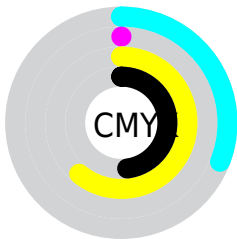
Distribution



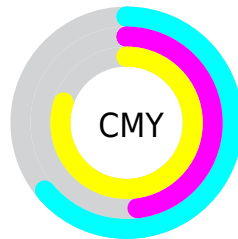
- Red (36%)
- Green (52%)
- Blue (20%)



- Red (20%)
- Yellow (52%)
- Blue (36%)



- Cyan (31%)
- Magenta (0%)
- Yellow (61%)
- Black (48%)



- Cyan (64%)
- Magenta (48%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.5070, -29.3370, -17.1076 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 111.5070, -29.3370, -17.1076 by changing the saturation by 10% instead.

■ 111.5070,
-29.3370, -17.1076

■ 111.5070,
-29.3370, -17.1076

■ 255.0000, 0.0000,
0.0000

■ 86.5070, -29.3370,
-17.1076

■ 164.1650,
-30.6473, -16.8077

■ 60.9800, -30.0631,
-17.5225

■ 191.6380,
-31.3735, -17.2225

■ 40.3030, -19.8694,
-20.4367

■ 219.9970,
-32.5365, -17.5374

■ 22.3060, -10.9969,
-19.5624

■ 238.7900,
-28.4905, -8.5858

■ 4.1090, -2.0257,
-3.6036

■ 249.7560,
-20.0927, 4.5990

■ 0.0000, 0.0000,
0.0000

■ 253.0620, -7.4256,

1.6996

■ 111.5070,
-29.3370, -17.1076

■ 111.5070,
-29.3370, -17.1076

■ 107.9320,
-33.9835, -20.1114

■ 115.0820,
-24.6904, -14.1039

■ 104.5420,
-39.2142, -22.4003

■ 118.4720,
-19.4597, -11.8149

■ 100.9670,
-43.8607, -25.4041

■ 122.0470,
-14.8132, -8.8112

■ 97.8050, -48.2179,
-27.8930

■ 125.6220,
-10.1666, -5.8075

■ 129.3110, -5.0833,
-2.9037

■ 132.5870, -0.2894,
-0.5148

■ 136.1620, 4.3571,
2.4889

■ 139.7370, 9.0037,
5.4927

■ 143.4260, 14.0870,
8.3964

Harmonies

Analogous

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



115.8550, -40.3545, 16.7902



111.5070, -29.3370, -17.1076



95.8110, -3.8508, -71.7482

Triad

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



111.5070, -29.3370, -17.1076



101.0020, 46.8340, -88.5788



120.9080, -3.4056, 65.8557

Complementary

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



111.5070, -29.3370, -17.1076



73.4930, 29.3370, 17.1076

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.



124.3090, 15.1307, 47.0870



111.5070, -29.3370, -17.1076



111.7880, 44.9675, -49.8031

Square

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



111.5070, -29.3370, -17.1076



101.4460, 33.3041, -88.9681



124.7910, 30.6690, 9.8303



119.6630, -22.0189, 62.5625

Rectangle

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



111.5070, -29.3370, -17.1076



95.9910, 9.8644, -84.1841



124.7910, 30.6690, 9.8303



122.1940, 2.8624, 62.0969

Sweetspot

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



111.5070, -29.3370, -17.1076



164.9810, -11.3296, -6.1223



100.2860, -23.8050, 28.6902



81.8440, -6.8251, -4.2482



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



111.5070, -29.3370, -17.1076



139.5000, -45.6025, -26.7485



99.5470, -23.4407, -41.6987



64.4190, -2.1786, -1.2445



95.4460, -47.0549, -27.5781



2.0600, -1.0156, -0.9296

Inverse Universe

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



73.4930, 29.3370, 17.1076



80.5000, 45.6025, 26.7485



85.4530, 23.4407, 41.6987



61.5810, 2.1786, 1.2445



34.5540, 47.0549, 27.5781



0.6410, 1.1630, 0.3148

Previews

White Background



This preview shows how the YUV color 111.5070, -29.3370, -17.1076 looks on a white 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

Black Background



This preview shows how the YUV color 111.5070, -29.3370, -17.1076 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 × Fail

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

YUV 111.5070, -29.3370, -17.1076 Background



This preview shows how black text looks on a background with the YUV color 111.5070, -29.3370, -17.1076.



This preview shows how white text looks on a background with the YUV color 111.5070, -29.3370, -17.1076.

-17.1076.

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

111.5070, -29.3370, -17.1076

Protanopia

116.9780, -33.5132, 15.8053

Deuteranopia

118.8530, -30.4935, 27.3159



Tritanopia

119.8610, 7.4635, -13.9101

Trichromacy



Original Color

111.5070, -29.3370, -17.1076

Protanomaly

114.6560, -31.8754, 3.8097

Deuteranomaly

116.4550, -30.2973, 11.0020

Tritanomaly

117.0060, -5.9190, -14.9143

Monochromacy



Original Color

111.5070, -29.3370, -17.1076

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0950, -10.8928, -6.2223

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.5070, -29.3370, -17.1076 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(92, 133, 52)` looks like.

```
.text, #text, p{  
    color:rgb(92, 133, 52)  
}
```

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(92, 133, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 133, 52) }
```

Border

The CSS property to change the border of an element to YUV 111.5070, -29.3370, -17.1076 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(92, 133, 52) }
```


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

```
.border{ border-color:rgb(92, 133, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 133, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 133, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 133, 52);  
box-shadow:4px 4px 4px 4px rgb(92, 133,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 111.5070, -29.3370, -17.1076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 133, 52) }
```

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

```
.background{ background-color: rgb(92, 133,  
52) }
```

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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