

Converting Colors

YUV(67.5110, -5.1819, -17.9881)

Have a look what the booklet for
YUV(67.5110, -5.1819, -17.9881)
contains.

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Color

**YUV(67.5110, -5.1819,
-17.9881)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5039
RGB	47, 80, 57
RGB Percent	18%, 31%, 22%
CMY	0.8157, 0.6863, 0.7765
CMYK	0.41, 0.00, 0.29, 0.69
HSL	138°, 26%, 25%
HSV	138°, 41%, 31%
XYZ	4.7795, 6.6371, 4.9001
YIQ	67.5110, -12.2850, -14.1490

Conversions

Conversions Part 2

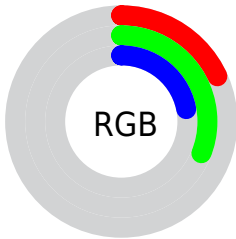
Format	Color
R_{YB}	47, 72, 80
Decimal	3100729
CIE _{Lab}	30.97, -17.89, 9.84
CIE _{LCh}	31, 20.414, 151.195
Yxy	6.6371, 0.2929, 0.4068
Android (android.graphics.Color)	4281290809 (0xFF2F5039)
YUV	67.5110, -5.1819, -17.9881
Hunter-Lab	25.7625, -11.9690, 6.7567

Details

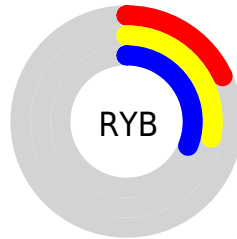
The YUV color **67.5110, -5.1819, -17.9881** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **59.4890, 5.1819, 17.9881**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9840, -5.9081, -18.4030**, and **23.0380, -4.4557, -17.5733** is the 20% darker color. If you saturate the color by 10%, you get **64.4350, -6.6235, -22.3065**, and if you desaturate by 10%, it is **70.5870, -3.7404, -13.6698**.

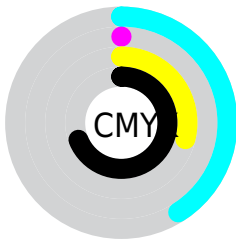
Distribution



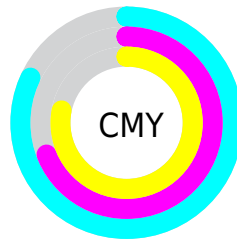
- Red (18%)
- Green (31%)
- Blue (22%)



- Red (18%)
- Yellow (28%)
- Blue (31%)



- Cyan (41%)
- Magenta (0%)
- Yellow (29%)
- Black (69%)



- Cyan (82%)
- Magenta (69%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.5110, -5.1819, -17.9881 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 67.5110, -5.1819, -17.9881 by changing the saturation by 10% instead.

67.5110, -5.1819,
-17.9881

67.5110, -5.1819,
-17.9881

255.0000, 0.0000,
0.0000

44.6250, -4.7451,
-18.0881

115.9840, -5.9081,
-18.4030

23.0380, -4.4557,
-17.5733

142.1580, -6.4869,
-19.4326

4.1090, -2.0257,
-3.6036

168.7450, -6.7763,
-19.9474

0.0000, 0.0000,
0.0000

195.7450, -6.7763,
-19.9474

224.0330, -6.9183,
-21.0769

244.9890, -3.4456,

-14.8994

■ 67.5110, -5.1819,
-17.9881

■ 67.5110, -5.1819,
-17.9881

■ 64.4350, -6.6235,
-22.3065

■ 70.5870, -3.7404,
-13.6698

■ 61.4730, -7.6282,
-26.7248

■ 73.5490, -2.7357,
-9.2515

■ 58.3970, -9.0697,
-31.0432

■ 76.6250, -1.2941,
-4.9331

■ 55.4350, -10.0745,
-35.4615

■ 79.5870, -0.2894,
-0.5148

■ 52.3590, -11.5160,
-39.7798

■ 82.6630, 1.1521,
3.8035

■ 49.6960, -12.6681,
-43.5834

■ 85.6250, 2.1569,
8.2219

■ 88.7010, 3.5984,
12.5402

■ 91.7770, 5.0399,
16.8586

■ 94.7390, 6.0447,
21.2769

Harmonies

Analogous

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



70.0630, -12.3561, -3.5633



67.5110, -5.1819, -17.9881



63.3440, 4.7604, -33.6277

Triad

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



67.5110, -5.1819, -17.9881



70.6570, 16.9311, -17.2392



73.6890, -8.2277, 25.7057

Complementary

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



67.5110, -5.1819, -17.9881



59.4890, 5.1819, 17.9881

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.



74.3390, -0.6601, 25.1357



67.5110, -5.1819, -17.9881



74.6270, 12.5089, 1.2041

Square

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



67.5110, -5.1819, -17.9881



64.6500, 17.4275, -36.5271



75.1190, 6.3503, 16.5586



73.1630, -13.8844, 20.0280

Rectangle

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



67.5110, -5.1819, -17.9881



60.1130, 11.7763, -43.9491



75.1190, 6.3503, 16.5586



73.9710, -5.9017, 26.3354

Sweetspot

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



67.5110, -5.1819, -17.9881



100.0870, -2.0149, -7.0923



73.2480, -12.9403, -2.8485



50.9240, -1.4415, -4.3183



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



67.5110, -5.1819, -17.9881



84.9350, -8.3490, -28.8840



69.3350, 1.8068, -19.5878



39.4620, -0.7208, -2.1592



65.2830, -16.4085, -57.2532



144.1640, -36.5629, -126.4318

Inverse Universe

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



59.4890, 5.1819, 17.9881



72.0650, 8.3490, 28.8840



57.6650, -1.8068, 19.5878



38.5380, 0.7208, 2.1592



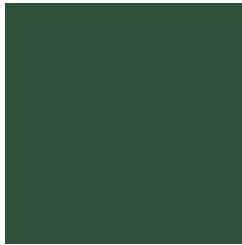
39.7170, 16.4085, 57.2532



87.8360, 36.5629, 126.4318

Previews

White Background



This preview shows how the YUV color 67.5110, -5.1819, -17.9881 looks on a white background.

Color Contrast Check

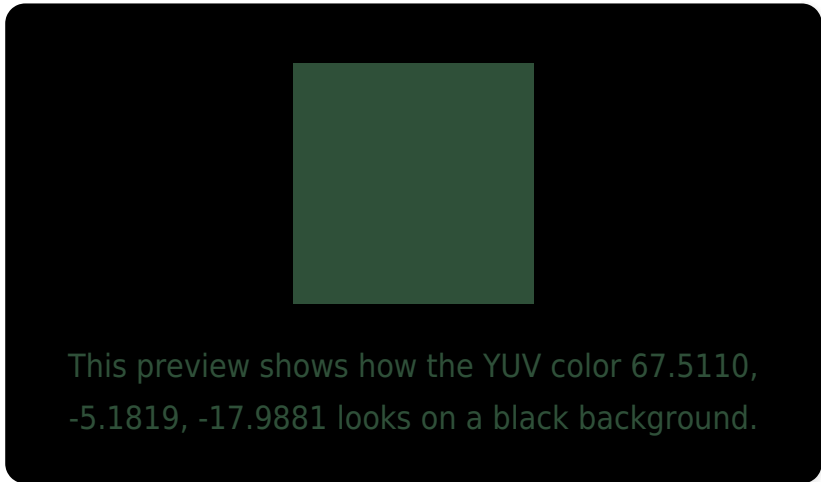
Large Text (above 18pt) WCAG AA ✓ Pass

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

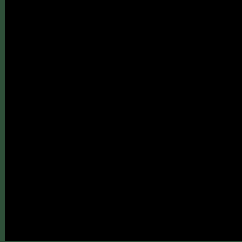
Any Text WCAG AA × Fail

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 67.5110, -5.1819, -17.9881 Background



This preview shows how black text looks on a background with the YUV color 67.5110, -5.1819, -17.9881.



This preview shows how white text looks on a background with the YUV color 67.5110, -5.1819, -17.9881.

-17.9881.

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

67.5110, -5.1819, -17.9881

Protanopia

72.3290, -9.0362, 4.9735

Deuteranopia

72.9320, -6.8685, 9.7066



Tritanopia

70.5080, 6.1586, -15.3545

Trichromacy



Original Color

67.5110, -5.1819, -17.9881

Protanomaly

70.9150, -7.8461, -3.4335

Deuteranomaly

71.2790, -6.5465, -0.2447

Tritanomaly

69.4710, 2.2328, -16.1991

Monochromacy



Original Color

67.5110, -5.1819, -17.9881

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.5000, -1.7255, -6.5775

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.5110, -5.1819, -17.9881 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(47, 80, 57)` looks like.

```
.text, #text, p{  
    color:rgb(47, 80, 57)  
}
```

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(47, 80, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 80, 57) }
```

Border

The CSS property to change the border of an element to YUV 67.5110, -5.1819, -17.9881 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(47, 80, 57) }
```


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

```
.border{ border-color:rgb(47, 80, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 80, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 80, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 80, 57);  
box-shadow:4px 4px 4px 4px rgb(47, 80, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.5110, -5.1819, -17.9881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 80, 57) }
```

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

```
.background{ background-color: rgb(47, 80,  
57) }
```

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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