

Converting Colors

YUV(63.0070, -17.7515,
-46.4871)

Have a look what the booklet for
YUV(63.0070, -17.7515, -46.4871)
contains.

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Color

**YUV(63.0070, -17.7515,
-46.4871)**

Conversions

Conversions Part 1

Format	Color
Hex	0A611B
RGB	10, 97, 27
RGB Percent	4%, 38%, 11%
CMY	0.9608, 0.6196, 0.8941
CMYK	0.90, 0.00, 0.72, 0.62
HSL	132°, 81%, 21%
HSV	132°, 90%, 38%
XYZ	4.5977, 8.6931, 2.4725
YIQ	63.0070, -29.3820, -40.2140

Conversions

Conversions Part 2

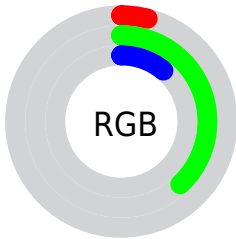
Format	Color
R_{YB}	10, 83, 97
Decimal	680219
CIE _{Lab}	35.39, -39.31, 31.96
CIE _{LCh}	35, 50.665, 140.888
Yxy	8.6931, 0.2917, 0.5515
Android (android.graphics.Color)	4278870299 (0xFF0A611B)
YUV	63.0070, -17.7515, -46.4871
Hunter-Lab	29.4840, -23.7619, 15.6668

Details

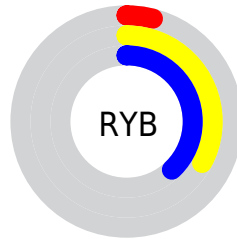
The YUV color **63.0070, -17.7515, -46.4871** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **43.9930, 17.7515, 46.4871**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.8400, -21.1201, -39.3247**, and **28.7630, -14.1802, -25.2252** is the 20% darker color. If you saturate the color by 10%, you get **59.1050, -19.7718, -51.8351**, and if you desaturate by 10%, it is **66.9090, -15.7311, -41.1392**.

Distribution



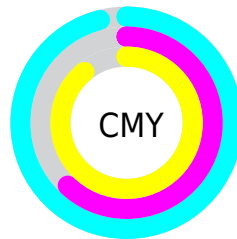
- Red (4%)
- Green (38%)
- Blue (11%)



- Red (4%)
- Yellow (33%)
- Blue (38%)



- Cyan (90%)
- Magenta (0%)
- Yellow (72%)
- Black (62%)



- Cyan (96%)
- Magenta (62%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.0070, -17.7515, -46.4871 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 63.0070, -17.7515, -46.4871 by changing the saturation by 10% instead.

■ 63.0070, -17.7515,
-46.4871

■ 63.0070, -17.7515,
-46.4871

255.0000, 0.0000,
0.0000

■ 43.0790, -20.2519,
-37.7803

■ 117.8400,
-21.1201, -39.3247

■ 28.7630, -14.1802,
-25.2252

■ 144.4980,
-22.4305, -39.0247

■ 15.8490, -7.8136,
-13.8996

■ 171.3840,
-22.8673, -38.9248

■ 0.0000, 0.0000,
0.0000

■ 199.7430,
-24.0303, -39.2396

■ 224.6940,
-23.0201, -36.5656

■ 236.2580,

-14.9172, -22.1513

■ 248.1210, -6.9617,
-7.1221

■ 63.0070, -17.7515,
-46.4871

■ 63.0070, -17.7515,
-46.4871

■ 59.1050, -19.7718,
-51.8351

■ 66.9090, -15.7311,
-41.1392

■ 70.5120, -13.5634,
-36.4060

■ 74.3000, -11.9799,
-30.9581

■ 78.2020, -9.9596,
-25.6102

■ 81.8050, -7.7919,
-20.8770

■ 85.7070, -5.7716,
-15.5290

■ 89.6090, -3.7512,
-10.1811

■ 93.3970, -2.1677,
-4.7332

■ 97.0000, 0.0000,
0.0000

Harmonies

Analogous

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



74.9560, -36.9533, -0.8384



63.0070, -17.7515, -46.4871



67.1530, 0.9106, -58.8932

Triad

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



63.0070, -17.7515, -46.4871



72.7000, 45.0109, -63.7579



76.6110, -9.6682, 67.8702

Complementary

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



63.0070, -17.7515, -46.4871



43.9930, 17.7515, 46.4871

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.



78.5020, 9.1195, 61.8267



63.0070, -17.7515, -46.4871



79.5740, 39.6500, -24.1824

Square

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



63.0070, -17.7515, -46.4871



74.7570, 35.1228, -65.5619



85.0170, 24.6416, 29.8031



78.3600, -29.2645, 53.1813

Rectangle

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



63.0070, -17.7515, -46.4871



70.3450, 13.1409, -61.6926



85.0170, 24.6416, 29.8031



75.7450, -2.8323, 68.6296

Sweetspot

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



63.0070, -17.7515, -46.4871



111.7560, -6.7817, -18.2030



82.2980, -35.6429, -1.1383



55.7830, -4.3300, -11.2107



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



63.0070, -17.7515, -46.4871



76.1110, -25.6907, -66.7493



67.7950, 0.5941, -50.6862



46.4620, -0.7208, -2.1592



68.2520, -22.8022, -59.8570



146.2380, -48.9243, -128.2507

Inverse Universe

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



43.9930, 17.7515, 46.4871



48.8890, 25.6907, 66.7493



39.2050, -0.5941, 50.6862



45.6520, 1.1576, 2.0592



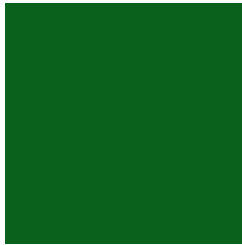
43.7480, 22.8022, 59.8570



93.7620, 48.9243, 128.2507

Previews

White Background



This preview shows how the YUV color 63.0070, -17.7515, -46.4871 looks on a white background.

Color Contrast Check

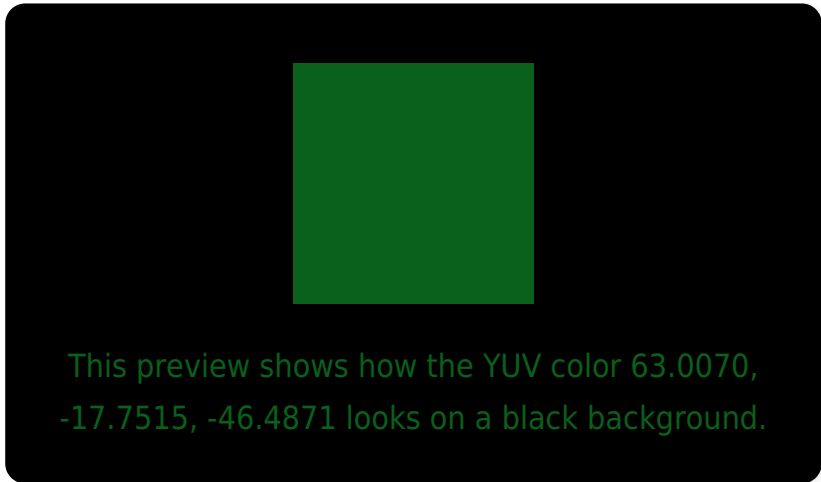
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.0070, -17.7515, -46.4871

Background



This preview shows how black text looks on a background with the YUV color 63.0070, -17.7515, -46.4871.



This preview shows how white text looks on a background with the YUV color 63.0070, -17.7515,

-46.4871.

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

63.0070, -17.7515, -46.4871

Protanopia

79.1500, -27.6819, 12.1465

Deuteranopia

81.0460, -23.1937, 19.2537



Tritanopia

76.8480, 10.4279, -31.4387

Trichromacy



Original Color

63.0070, -17.7515, -46.4871

Protanomaly

73.2290, -24.2699, -8.9708

Deuteranomaly

74.6470, -21.5180, -4.9524

Tritanomaly

71.7690, 0.1139, -36.6314

Monochromacy



Original Color

63.0070, -17.7515, -46.4871

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8810, -6.3503, -16.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.0070, -17.7515, -46.4871 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(10, 97, 27)` looks like.

```
.text, #text, p{  
    color:rgb(10, 97, 27)  
}
```

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(10, 97, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 97, 27) }
```

Border

The CSS property to change the border of an element to YUV 63.0070, -17.7515, -46.4871 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(10, 97, 27) }
```


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

```
.border{ border-color:rgb(10, 97, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 97, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 97, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 97, 27);  
box-shadow:4px 4px 4px 4px rgb(10, 97, 27)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.0070, -17.7515, -46.4871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 97, 27) }
```

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

```
.background{ background-color: rgb(10, 97,  
27) }
```

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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