

Converting Colors

YUV(77.0680, -9.8935, -0.0596)

Have a look what the booklet for
YUV(77.0680, -9.8935, -0.0596)
contains.

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Color

**YUV(77.0680, -9.8935,
-0.0596)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5139
RGB	77, 81, 57
RGB Percent	30%, 32%, 22%
CMY	0.6980, 0.6824, 0.7765
CMYK	0.05, 0.00, 0.30, 0.68
HSL	70°, 17%, 27%
HSV	70°, 30%, 32%
XYZ	6.7415, 7.7580, 5.0130
YIQ	77.0680, 5.3200, -8.3120

Conversions

Conversions Part 2

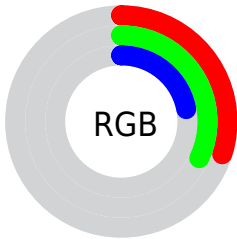
Format	Color
R_{YB}	57, 81, 61
Decimal	5067065
CIE Lab	33.47, -6.28, 13.62
CIE LCh	33, 14.995, 114.751
Yxy	7.7580, 0.3455, 0.3976
Android (android.graphics.Color)	4283257145 (0xFF4D5139)
YUV	77.0680, -9.8935, -0.0596
Hunter-Lab	27.8533, -5.5397, 8.8263

Details

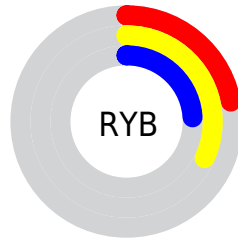
The YUV color **77.0680, -9.8935, -0.0596** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **60.9320, 9.8935, 0.0596**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8400, -10.7671, 0.1403**, and **33.1820, -9.4567, -0.1596** is the 20% darker color. If you saturate the color by 10%, you get **75.8570, -13.2405, 0.1254**, and if you desaturate by 10%, it is **78.2790, -6.5465, -0.2447**.

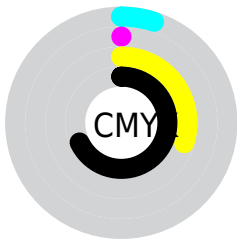
Distribution



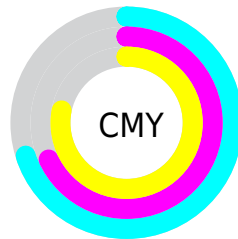
- Red (30%)
- Green (32%)
- Blue (22%)



- Red (22%)
- Yellow (32%)
- Blue (24%)



- Cyan (5%)
- Magenta (0%)
- Yellow (30%)
- Black (68%)



- Cyan (70%)
- Magenta (68%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.0680, -9.8935, -0.0596 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 77.0680, -9.8935, -0.0596 by changing the saturation by 10% instead.

■ 77.0680, -9.8935,
-0.0596

■ 77.0680, -9.8935,
-0.0596

■ 255.0000, 0.0000,
0.0000

■ 54.1820, -9.4567,
-0.1596

■ 125.8400,
-10.7671, 0.1403

■ 33.1820, -9.4567,
-0.1596

■ 151.7260,
-11.2039, 0.2403

■ 10.2890, -5.0725,
-6.3925

■ 178.6120,
-11.6407, 0.3403

■ 0.0000, 0.0000,
0.0000

■ 206.4980,
-12.0775, 0.4403

■ 234.4980,
-12.0775, 0.4403

■ 253.0620, -7.4256,

1.6996

■ 77.0680, -9.8935,
-0.0596

■ 77.0680, -9.8935,
-0.0596

■ 75.8570, -13.2405,
0.1254

■ 78.2790, -6.5465,
-0.2447

■ 74.3470, -16.4401,
-0.3043

■ 79.7890, -3.3470,
0.1850

■ 73.1360, -19.7870,
-0.1193

■ 81.0000, 0.0000,
0.0000

■ 71.9250, -23.1340,
0.0658

■ 82.2110, 3.3470,
-0.1850

■ 70.4150, -26.3336,
-0.3640

■ 83.8350, 6.9833,
0.1447

■ 69.0900, -30.1174,
-0.0789

■ 85.0460, 10.3303,
-0.0403

■ 67.8790, -33.4643,
0.1061

■ 86.2570, 13.6773,
-0.2254

■ 67.5800, -33.3169,
-0.5087

■ 87.7670, 16.8769,
0.2043

■ 88.9780, 20.2238,
0.0193

Harmonies

Analogous

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



78.0800, -11.3784, 9.5768



77.0680, -9.8935, -0.0596



75.5550, -5.2036, -11.0107

Triad

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



77.0680, -9.8935, -0.0596



74.5330, 11.5692, -24.1464



80.5230, 0.2352, 17.9583

Complementary

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



77.0680, -9.8935, -0.0596



60.9320, 9.8935, 0.0596

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.



80.9610, 5.9352, 9.6812



77.0680, -9.8935, -0.0596



76.8270, 12.4103, -13.8803

Square

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



77.0680, -9.8935, -0.0596



72.7840, 7.5015, -26.1206



79.3340, 10.1883, -1.1699



80.3400, -5.5906, 19.8728

Rectangle

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



77.0680, -9.8935, -0.0596



74.5480, -1.2562, -17.1436



79.3340, 10.1883, -1.1699



80.9680, 1.9878, 15.8141

Sweetspot

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



77.0680, -9.8935, -0.0596



103.2620, -4.0732, -0.2298



66.5240, -4.6953, 12.6955



53.0170, -2.4734, -0.0149



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.



77.0680, -9.8935, -0.0596



98.5750, -15.5665, -0.5043



73.4800, -8.1246, -7.4370



40.2450, -1.5998, -0.2149



87.6480, -43.2105, -0.5683



193.8910, -95.5883, -0.7814

Inverse Universe

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



60.9320, 9.8935, 0.0596



73.1260, 15.7139, -0.1105



64.5200, 8.1246, 7.4370



37.4560, 1.7472, -0.3999



17.0530, 43.3579, -0.0465



38.1090, 95.5883, 0.7814

Previews

White Background



This preview shows how the YUV color 77.0680, -9.8935, -0.0596 looks on a white background.

Color Contrast Check

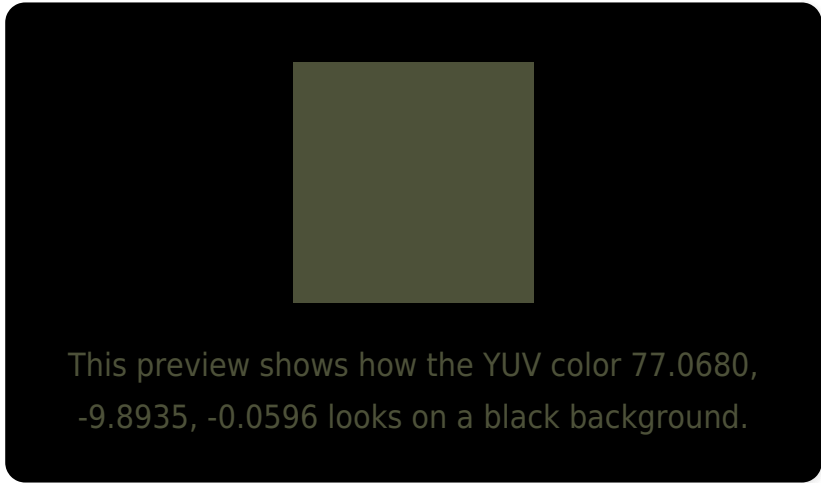
Large Text (above 18pt) WCAG AA ✓ Pass

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

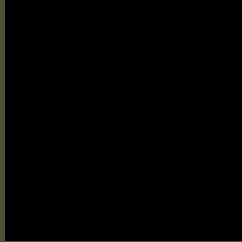
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.0680, -9.8935, -0.0596

Background



This preview shows how black text looks on a background with the YUV color 77.0680, -9.8935, -0.0596.



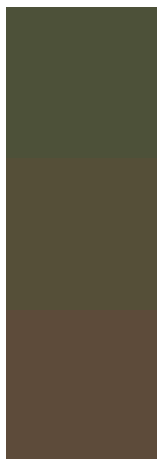
This preview shows how white text looks on a background with the YUV color 77.0680, -9.8935,

-0.0596.

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

77.0680, -9.8935, -0.0596

Protanopia

78.1720, -10.9308, 5.9882

Deuteranopia

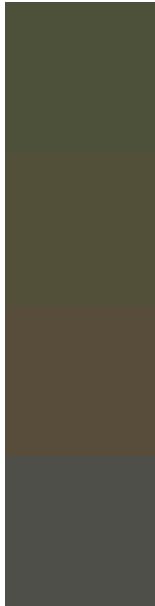
78.4440, -10.0789, 12.7656



Tritanopia

79.2820, 2.3260, 0.6297

Trichromacy



Original Color

77.0680, -9.8935, -0.0596

Protanomaly

77.8620, -10.7780, 3.6290

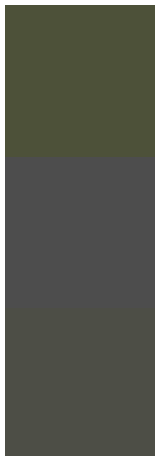
Deuteranomaly

77.8240, -9.7732, 8.0474

Tritanomaly

78.4300, -2.1840, 0.4999

Monochromacy



Original Color

77.0680, -9.8935, -0.0596

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7890, -3.3470, 0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0680, -9.8935, -0.0596 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(77, 81, 57)` looks like.

```
.text, #text, p{  
    color:rgb(77, 81, 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(77, 81, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 81, 57) }
```

Border

The CSS property to change the border of an element to YUV 77.0680, -9.8935, -0.0596 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(77, 81, 57) }
```


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

```
.border{ border-color:rgb(77, 81, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 81, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 81, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 81, 57);  
box-shadow:4px 4px 4px 4px rgb(77, 81, 57)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.0680, -9.8935, -0.0596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 81, 57) }
```

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

```
.background{ background-color: rgb(77, 81,  
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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