

Converting Colors

YUV(77.8380, -4.3571, -2.4889)

Have a look what the booklet for
YUV(77.8380, -4.3571, -2.4889)
contains.

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Color

**YUV(77.8380, -4.3571,
-2.4889)**

Conversions

Conversions Part 1

Format	Color
Hex	4B5145
RGB	75, 81, 69
RGB Percent	29%, 32%, 27%
CMY	0.7059, 0.6824, 0.7294
CMYK	0.07, 0.00, 0.15, 0.68
HSL	90°, 8%, 29%
HSV	90°, 15%, 32%
XYZ	6.9183, 7.8104, 6.7731
YIQ	77.8380, 0.2760, -5.0040

Conversions

Conversions Part 2

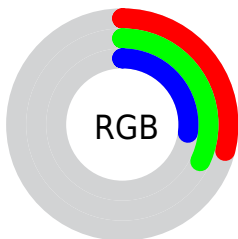
Format	Color
RYB	69, 81, 75
Decimal	4936005
CIELab	33.58, -4.96, 6.25
CIELCh	34, 7.978, 128.474
Yxy	7.8104, 0.3218, 0.3632
Android (android.graphics.Color)	4283126085 (0xFF4B5145)
YUV	77.8380, -4.3571, -2.4889
Hunter-Lab	27.9471, -4.7199, 5.1936

Details

The YUV color **77.8380, -4.3571, -2.4889** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **72.1620, 4.3571, 2.4889**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.7240, -4.7939, -2.3889**, and **33.3650, -3.6309, -2.0741** is the 20% darker color. If you saturate the color by 10%, you get **75.7300, -7.2619, -4.1482**, and if you desaturate by 10%, it is **79.9460, -1.4524, -0.8296**.

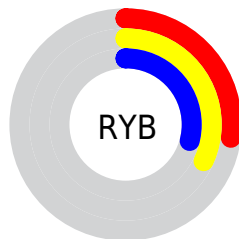
Distribution



Red (29%)

Green (32%)

Blue (27%)



Red (27%)

Yellow (32%)

Blue (29%)

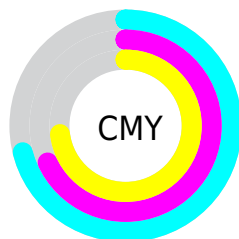


Cyan (7%)

Magenta (0%)

Yellow (15%)

Black (68%)



Cyan (71%)

Magenta (68%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.8380, -4.3571, -2.4889 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 77.8380, -4.3571, -2.4889 by changing the saturation by 10% instead.

■ 77.8380, -4.3571,
-2.4889

■ 77.8380, -4.3571,
-2.4889

255.0000, 0.0000,
0.0000

■ 54.9520, -3.9203,
-2.5889

■ 126.7240, -4.7939,
-2.3889

■ 33.3650, -3.6309,
-2.0741

■ 152.7240, -4.7939,
-2.3889

■ 10.8980, -5.3727,
-3.4185

■ 179.3110, -5.0833,
-2.9037

■ 0.0000, 0.0000,
0.0000

■ 207.1970, -5.5201,
-2.8038

■ 235.1970, -5.5201,
-2.8038

254.7720, -0.8736,

0.2000

■ 77.8380, -4.3571,
-2.4889

■ 77.8380, -4.3571,
-2.4889

■ 75.7300, -7.2619,
-4.1482

■ 79.9460, -1.4524,
-0.8296

■ 73.6220, -10.1666,
-5.8075

■ 82.0540, 1.4524,
0.8296

■ 71.5140, -13.0714,
-7.4668

■ 84.1620, 4.3571,
2.4889

■ 69.4060, -15.9762,
-9.1261

■ 86.2700, 7.2619,
4.1482

■ 67.1840, -19.3177,
-10.6854

■ 88.4920, 10.6034,
5.7075

■ 65.0760, -22.2225,
-12.3447

■ 90.6000, 13.5082,
7.3668

■ 62.9680, -25.1272,
-14.0039

■ 92.7080, 16.4130,
9.0261

■ 60.8600, -28.0320,
-15.6632

■ 94.8160, 19.3177,
10.6854

■ 59.8060, -29.4844,
-16.4929

■ 96.9240, 22.2225,
12.3447

Harmonies

Analogous

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



78.5290, -5.6838, 3.0441



77.8380, -4.3571, -2.4889



76.9020, -1.4307, -7.8071

Triad

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



77.8380, -4.3571, -2.4889



77.8400, 5.9949, -9.5067



80.3110, -1.6323, 10.2513

Complementary

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



77.8380, -4.3571, -2.4889



72.1620, 4.3571, 2.4889

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.



80.2120, 1.8675, 7.7071



77.8380, -4.3571, -2.4889



78.8730, 5.9786, -4.2736

Square

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



77.8380, -4.3571, -2.4889



76.8890, 4.9847, -12.1807



79.8630, 4.5045, 1.8741



79.6270, -4.2531, 10.8511

Rectangle

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



77.8380, -4.3571, -2.4889



77.0480, 0.4693, -10.5661



79.8630, 4.5045, 1.8741



80.3540, -0.1745, 9.3365

Sweetspot

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



77.8380, -4.3571, -2.4889



103.5330, -1.7418, -1.3444



76.1100, -3.5052, 4.2885



53.0600, -1.0156, -0.9296



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.



77.8380, -4.3571, -2.4889



99.8440, -6.8251, -4.2482



76.0440, -3.4727, -6.1776



39.9460, -1.4524, -0.8296



77.1830, -38.0512, -22.0855



170.8680, -84.2379, -48.1192

Inverse Universe

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



72.1620, 4.3571, 2.4889



90.8570, 6.9725, 3.6334



73.9560, 3.4727, 6.1776



38.0540, 1.4524, 0.8296



27.5180, 38.1986, 21.4707



61.1320, 84.2379, 48.1192

Previews

White Background



This preview shows how the YUV color 77.8380, -4.3571, -2.4889 looks on a white background.

Color Contrast Check

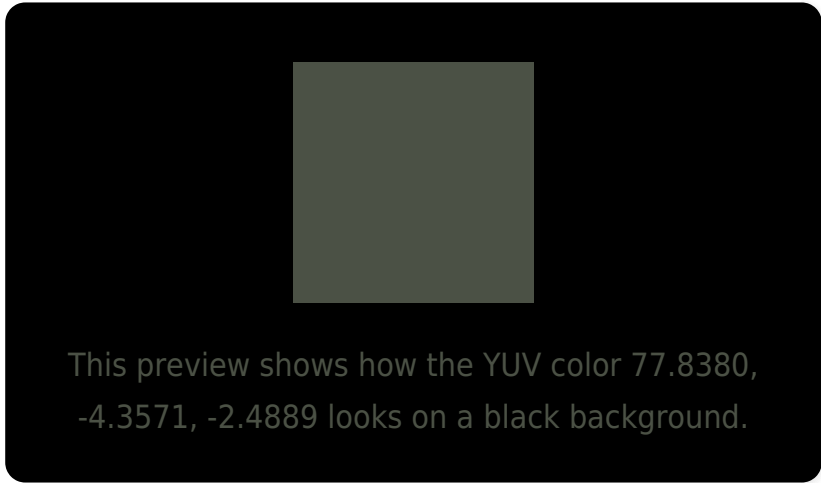
Large Text (above 18pt) WCAG AA ✓ Pass

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

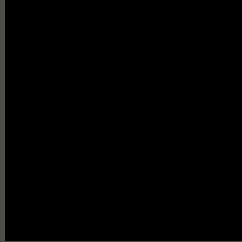
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

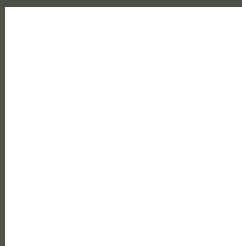
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 77.8380, -4.3571, -2.4889

Background



This preview shows how black text looks on a background with the YUV color 77.8380, -4.3571, -2.4889.



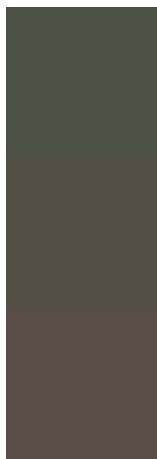
This preview shows how white text looks on a background with the YUV color 77.8380, -4.3571, -2.4889.

-2.4889.

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

77.8380, -4.3571, -2.4889

Protanopia

78.9420, -5.3944, 3.5589

Deuteranopia

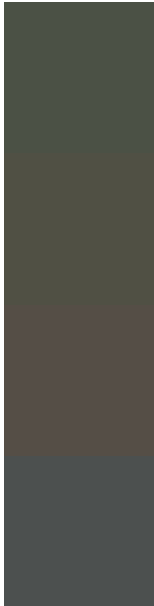
79.5020, -4.6845, 9.2067



Tritanopia

79.0860, 2.9156, -1.8294

Trichromacy



Original Color

77.8380, -4.3571, -2.4889

Protanomaly

78.6320, -5.2416, 1.1997

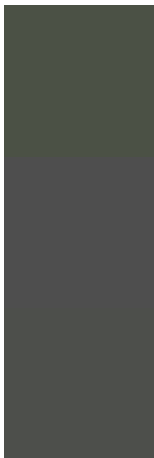
Deuteranomaly

79.1810, -4.5262, 5.1033

Tritanomaly

78.6900, 0.1528, -2.3591

Monochromacy



Original Color

77.8380, -4.3571, -2.4889

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9460, -1.4524, -0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.8380, -4.3571, -2.4889 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(75, 81, 69)` looks like.

```
.text, #text, p{  
    color:rgb(75, 81, 69)  
}
```

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(75, 81, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 81, 69) }
```

Border

The CSS property to change the border of an element to YUV 77.8380, -4.3571, -2.4889 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(75, 81, 69) }
```


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

```
.border{ border-color:rgb(75, 81, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 81, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 81, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 81, 69);  
box-shadow:4px 4px 4px 4px rgb(75, 81, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.8380, -4.3571, -2.4889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 81, 69) }
```

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

```
.background{ background-color: rgb(75, 81,  
69) }
```

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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