

Converting Colors

YUV(76.7130, -4.7885, -4.1333)

Have a look what the booklet for
YUV(76.7130, -4.7885, -4.1333)
contains.

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Color

**YUV(76.7130, -4.7885,
-4.1333)**

Conversions

Conversions Part 1

Format	Color
Hex	485143
RGB	72, 81, 67
RGB Percent	28%, 32%, 26%
CMY	0.7176, 0.6824, 0.7373
CMYK	0.11, 0.00, 0.17, 0.68
HSL	99°, 9%, 29%
HSV	99°, 17%, 32%
XYZ	6.6280, 7.6678, 6.4409
YIQ	76.7130, -0.8700, -6.2620

Conversions

Conversions Part 2

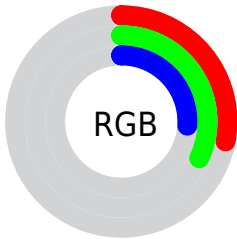
Format	Color
RYB	67, 81, 76
Decimal	4739395
CIELab	33.28, -6.62, 7.04
CIElCh	33, 9.661, 133.222
Yxy	7.6678, 0.3196, 0.3698
Android (android.graphics.Color)	4282929475 (0xFF485143)
YUV	76.7130, -4.7885, -4.1333
Hunter-Lab	27.6908, -5.7335, 5.5927

Details

The YUV color **76.7130, -4.7885, -4.1333** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **71.2870, 4.7885, 4.1333**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.5990, -5.2253, -4.0333**, and **32.2400, -4.0623, -3.7185** is the 20% darker color. If you saturate the color by 10%, you get **74.3060, -7.5459, -6.4074**, and if you desaturate by 10%, it is **79.1200, -2.0312, -1.8592**.

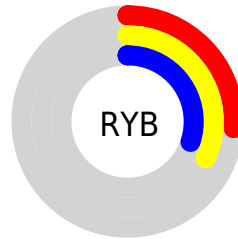
Distribution



Red (28%)

Green (32%)

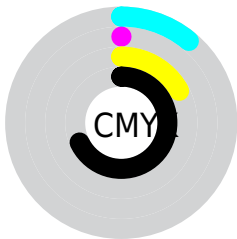
Blue (26%)



Red (26%)

Yellow (32%)

Blue (30%)

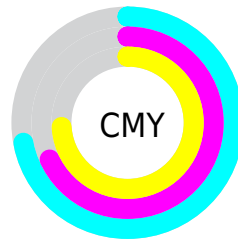


Cyan (11%)

Magenta (0%)

Yellow (17%)

Black (68%)



Cyan (72%)

Magenta (68%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.7130, -4.7885, -4.1333 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 76.7130, -4.7885, -4.1333 by changing the saturation by 10% instead.

■ 76.7130, -4.7885,
-4.1333

■ 76.7130, -4.7885,
-4.1333

■ 255.0000, 0.0000,
0.0000

■ 53.8270, -4.3517,
-4.2333

■ 125.5990, -5.2253,
-4.0333

■ 32.2400, -4.0623,
-3.7185

■ 151.3000, -5.0779,
-4.6481

■ 9.6910, -4.7777,
-7.6220

■ 178.1860, -5.5147,
-4.5481

■ 0.0000, 0.0000,
0.0000

■ 205.7730, -5.8041,
-5.0629

■ 233.7730, -5.8041,
-5.0629

■ 254.5440, -1.7472,

0.3999

■ 76.7130, -4.7885,
-4.1333

■ 76.7130, -4.7885,
-4.1333

■ 74.3060, -7.5459,
-6.4074

■ 79.1200, -2.0312,
-1.8592

■ 71.8990, -10.3032,
-8.6814

■ 81.5270, 0.7262,
0.4148

■ 69.1930, -12.9131,
-11.5703

■ 84.2330, 3.3361,
3.3037

■ 66.7860, -15.6705,
-13.8443

■ 86.6400, 6.0935,
5.5777

■ 64.2650, -18.8646,
-16.0184

■ 89.1610, 9.2876,
7.7518

■ 61.8580, -21.6220,
-18.2925

■ 91.5680, 12.0450,
10.0259

■ 59.4510, -24.3793,
-20.5665

■ 93.9750, 14.8023,
12.2999

■ 56.7450, -26.9893,
-23.4554

■ 96.6810, 17.4123,
15.1888

■ 56.2180, -27.7155,
-23.8702

■ 99.0880, 20.1696,
17.4628

Harmonies

Analogous

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



77.7740, -7.2836, 2.8292



76.7130, -4.7885, -4.1333



75.7060, -0.8411, -10.2662

Triad

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



76.7130, -4.7885, -4.1333



76.9970, 7.8895, -10.5214



79.5070, -2.2220, 12.7104

Complementary

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



76.7130, -4.7885, -4.1333



71.2870, 4.7885, 4.1333

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.



79.5220, 1.7147, 10.0662



76.7130, -4.7885, -4.1333



78.5140, 7.1416, -3.9588

Square

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



76.7130, -4.7885, -4.1333



75.8070, 6.0111, -14.7397



79.2870, 4.7885, 4.1333



78.9970, -5.4215, 12.2806

Rectangle

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



76.7130, -4.7885, -4.1333



75.6670, 1.6432, -13.7400



79.2870, 4.7885, 4.1333



79.8490, -0.9116, 12.4104

Sweetspot

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



76.7130, -4.7885, -4.1333



103.1200, -2.0312, -1.8592



76.4690, -4.6682, 3.9737



52.6470, -1.3050, -1.4444



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.



76.7130, -4.7885, -4.1333



98.0070, -7.3985, -7.0221



75.4460, -3.1779, -7.4071



39.6470, -1.3050, -1.4444



72.6980, -35.8401, -31.3071



161.0010, -79.3735, -68.4069

Inverse Universe

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



71.2870, 4.7885, 4.1333



89.6940, 7.5459, 6.4074



72.5540, 3.1779, 7.4071



38.0540, 1.4524, 0.8296



32.0030, 35.9875, 30.6924



70.9990, 79.3735, 68.4069

Previews

White Background



This preview shows how the YUV color 76.7130, -4.7885, -4.1333 looks on a white background.

Color Contrast Check

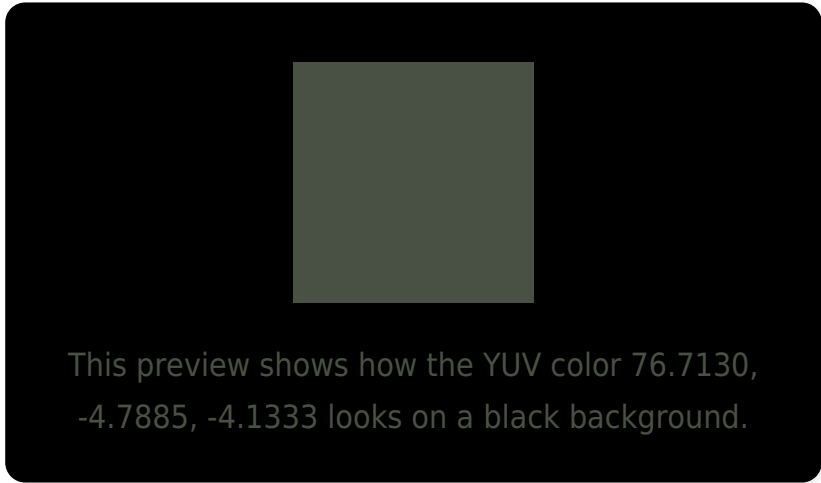
Large Text (above 18pt) WCAG AA ✓ Pass

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

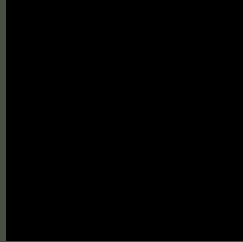
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.7130, -4.7885, -4.1333

Background



This preview shows how black text looks on a background with the YUV color 76.7130, -4.7885, -4.1333.



This preview shows how white text looks on a background with the YUV color 76.7130, -4.7885, -4.1333.

-4.1333.

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

76.7130, -4.7885, -4.1333

Protanopia

77.7140, -6.2680, 3.7588

Deuteranopia

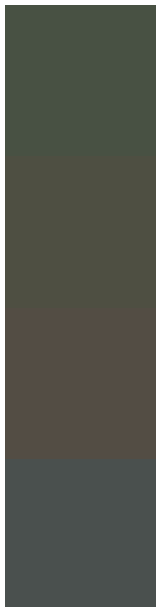
78.3880, -5.1213, 9.3067



Tritanopia

78.4880, 3.2104, -3.0590

Trichromacy



Original Color

76.7130, -4.7885, -4.1333

Protanomaly

77.2190, -5.5310, 0.6849

Deuteranomaly

77.7680, -4.8156, 4.5885

Tritanomaly

77.9780, 0.0108, -3.4887

Monochromacy



Original Color

76.7130, -4.7885, -4.1333

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.5330, -1.7418, -1.3444

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.7130, -4.7885, -4.1333 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(72, 81, 67)` looks like.

```
.text, #text, p{  
    color:rgb(72, 81, 67)  
}
```

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(72, 81, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 81, 67) }
```

Border

The CSS property to change the border of an element to YUV 76.7130, -4.7885, -4.1333 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(72, 81, 67) }
```


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

```
.border{ border-color:rgb(72, 81, 67) }
```

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

Here you see how a box with a 4 pixel rgb(72, 81, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 81, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 81, 67);  
box-shadow:4px 4px 4px 4px rgb(72, 81, 67)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.7130, -4.7885, -4.1333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 81, 67) }
```

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

```
.background{ background-color: rgb(72, 81,  
67) }
```

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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