

Converting Colors

YUV(76.4970, -10.5980, -7.4519)

Have a look what the booklet for
YUV(76.4970, -10.5980, -7.4519)
contains.

YUV(76.4970, -10.5980, -7.4519)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(76.4970, -10.5980,
-7.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	445537
RGB	68, 85, 55
RGB Percent	27%, 33%, 22%
CMY	0.7333, 0.6667, 0.7843
CMYK	0.20, 0.00, 0.35, 0.67
HSL	94°, 21%, 27%
HSV	94°, 35%, 33%
XYZ	6.3220, 8.0018, 4.8257
YIQ	76.4970, -0.5020, -12.9340

Conversions

Conversions Part 2

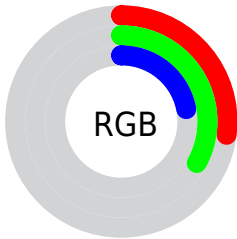
Format	Color
R_{YB}	55, 85, 72
Decimal	4478263
CIE Lab	33.99, -12.87, 15.41
CIE LCh	34, 20.077, 129.884
Yxy	8.0018, 0.3301, 0.4179
Android (android.graphics.Color)	4282668343 (0xFF445537)
YUV	76.4970, -10.5980, -7.4519
Hunter-Lab	28.2874, -9.6098, 9.6865

Details

The YUV color **76.4970, -10.5980, -7.4519** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **63.5030, 10.5980, 7.4519**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8560, -11.7610, -7.7667**, and **32.0240, -9.8718, -7.0370** is the 20% darker color. If you saturate the color by 10%, you get **74.0900, -13.3554, -9.7259**, and if you desaturate by 10%, it is **78.9040, -7.8407, -5.1778**.

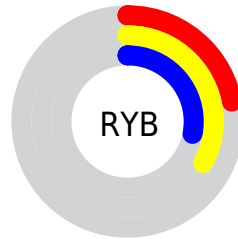
Distribution



Red (27%)

Green (33%)

Blue (22%)



Red (22%)

Yellow (33%)

Blue (28%)

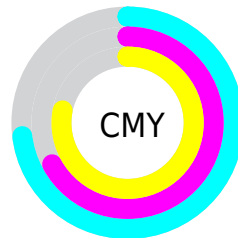


Cyan (20%)

Magenta (0%)

Yellow (35%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.4970, -10.5980, -7.4519 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 76.4970, -10.5980, -7.4519 by changing the saturation by 10% instead.

■ 76.4970, -10.5980,
-7.4519

■ 76.4970, -10.5980,
-7.4519

■ 255.0000, 0.0000,
0.0000

■ 53.6110, -10.1612,
-7.5518

■ 125.8560,
-11.7610, -7.7667

■ 32.0240, -9.8718,
-7.0370

■ 151.4430,
-12.0504, -8.2815

■ 12.3270, -6.0772,
-10.8108

■ 178.3290,
-12.4872, -8.1815

■ 0.0000, 0.0000,
0.0000

■ 205.9160,
-12.7766, -8.6963

■ 233.9160,
-12.7766, -8.6963

■ 252.2360, -8.0043,

0.6700

■ 76.4970, -10.5980,
-7.4519

■ 76.4970, -10.5980,
-7.4519

■ 74.0900, -13.3554,
-9.7259

■ 78.9040, -7.8407,
-5.1778

■ 71.5690, -16.5495,
-11.9000

■ 81.4250, -4.6465,
-3.0037

■ 69.4610, -19.4543,
-13.5593

■ 83.5330, -1.7418,
-1.3444

■ 66.9400, -22.6484,
-15.7334

■ 86.0540, 1.4524,
0.8296

■ 64.5330, -25.4058,
-18.0074

■ 88.5750, 4.6465,
3.0037

■ 62.0120, -28.5999,
-20.1815

■ 90.9820, 7.4039,
5.2778

■ 60.9580, -30.0523,
-21.0112

■ 93.3890, 10.1612,
7.5518

■ 95.9100, 13.3554,
9.7259

■ 98.1320, 16.6969,
11.2852

Harmonies

Analogous

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



78.7330, -15.1514, 6.3732



76.4970, -10.5980, -7.4519



74.0590, -2.9871, -21.9767

Triad

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



76.4970, -10.5980, -7.4519



74.5800, 16.9691, -29.4497



81.6550, -3.2809, 25.7356

Complementary

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



76.4970, -10.5980, -7.4519



63.5030, 10.5980, 7.4519

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.



81.9730, 4.4503, 19.3177



76.4970, -10.5980, -7.4519



79.3480, 15.6044, -11.7062

Square

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



76.4970, -10.5980, -7.4519



69.9330, 14.8230, -41.1602



81.9050, 10.8928, 6.2223



80.5210, -10.1169, 24.9761

Rectangle

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



76.4970, -10.5980, -7.4519



72.0130, 3.4446, -31.5834



81.9050, 10.8928, 6.2223



82.0400, -0.5127, 24.5209

Sweetspot

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



76.4970, -10.5980, -7.4519



106.5390, -4.2097, -3.1037



73.9490, -9.3419, 9.6917



54.0060, -2.4680, -1.7593



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



76.4970, -10.5980, -7.4519



96.9820, -16.2601, -11.3852



72.8380, -7.8081, -15.6439



41.9460, -1.4524, -0.8296



76.5630, -37.7456, -26.8038



168.4430, -83.0424, -58.2705

Inverse Universe

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



63.5030, 10.5980, 7.4519



77.0180, 16.2601, 11.3852



67.1620, 7.8081, 15.6439



40.0540, 1.4524, 0.8296



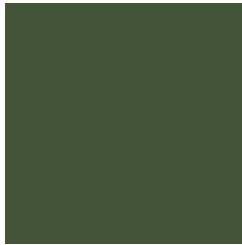
30.4370, 37.7456, 26.8038



66.5570, 83.0424, 58.2705

Previews

White Background



This preview shows how the YUV color 76.4970, -10.5980, -7.4519 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



This preview shows how the YUV color 76.4970, -10.5980, -7.4519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

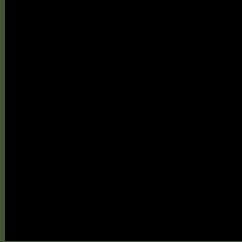
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.4970, -10.5980, -7.4519

Background



This preview shows how black text looks on a background with the YUV color 76.4970, -10.5980, -7.4519.



This preview shows how white text looks on a background with the YUV color 76.4970, -10.5980, -7.4519.

-7.4519.

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

76.4970, -10.5980, -7.4519

Protanopia

79.0150, -12.8254, 7.0028

Deuteranopia

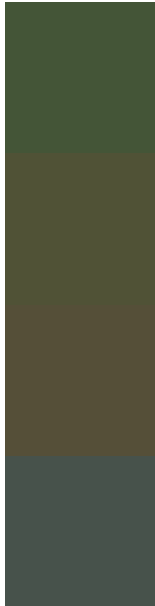
79.5150, -11.0999, 13.5803



Tritanopia

79.2920, 3.8000, -5.5181

Trichromacy



Original Color

76.4970, -10.5980, -7.4519

Protanomaly

78.2100, -11.9355, 1.5698

Deuteranomaly

78.1720, -10.9308, 5.9882

Tritanomaly

77.9130, -1.4361, -6.0627

Monochromacy



Original Color

76.4970, -10.5980, -7.4519

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9520, -3.9203, -2.5889

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.4970, -10.5980, -7.4519 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(68, 85, 55)` looks like.

```
.text, #text, p{  
    color:rgb(68, 85, 55)  
}
```

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(68, 85, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 85, 55) }
```

Border

The CSS property to change the border of an element to YUV 76.4970, -10.5980, -7.4519 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(68, 85, 55) }
```


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

```
.border{ border-color:rgb(68, 85, 55) }
```

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

Here you see how a box with a 4 pixel rgb(68, 85, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 85, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 85, 55);  
box-shadow:4px 4px 4px 4px rgb(68, 85, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.4970, -10.5980, -7.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 85, 55) }
```

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

```
.background{ background-color: rgb(68, 85,  
55) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor