

Converting Colors

YUV(76.8700, 0.5571, 8.0070)

Have a look what the booklet for
YUV(76.8700, 0.5571, 8.0070)
contains.

YUV(76.8700, 0.5571, 8.0070)	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(76.8700, 0.5571,
8.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	56484E
RGB	86, 72, 78
RGB Percent	34%, 28%, 31%
CMY	0.6627, 0.7176, 0.6941
CMYK	0.00, 0.16, 0.09, 0.66
HSL	334°, 9%, 31%
HSV	334°, 16%, 34%
XYZ	7.5303, 7.1632, 8.1935
YIQ	76.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

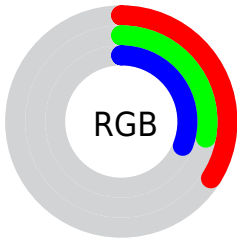
Format	Color
R_{YB}	86, 72, 78
Decimal	5654606
CIE Lab	32.18, 7.09, -1.38
CIE LCh	32, 7.226, 349.026
Yxy	7.1632, 0.3290, 0.3130
Android (android.graphics.Color)	4283844686 (0xFF56484E)
YUV	76.8700, 0.5571, 8.0070
Hunter-Lab	26.7642, 3.3847, 0.5841

Details

The YUV color **76.8700, 0.5571, 8.0070** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **81.1300, -0.5571, -8.0070**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.5820, 0.6991, 9.1366**, and **32.5710, 0.7045, 7.3922** is the 20% darker color. If you saturate the color by 10%, you get **71.0170, 0.9776, 13.1401**, and if you desaturate by 10%, it is **82.7230, 0.1366, 2.8739**.

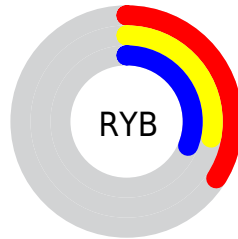
Distribution



Red (34%)

Green (28%)

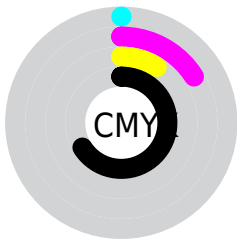
Blue (31%)



Red (34%)

Yellow (28%)

Blue (31%)

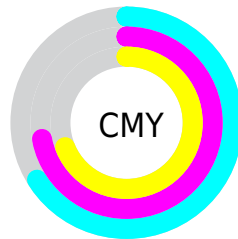


Cyan (0%)

Magenta (16%)

Yellow (9%)

Black (66%)



Cyan (66%)

Magenta (72%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.8700, 0.5571, 8.0070 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 76.8700, 0.5571, 8.0070 by changing the saturation by 10% instead.

■ 76.8700, 0.5571,
8.0070

■ 76.8700, 0.5571,
8.0070

■ 255.0000, 0.0000,
0.0000

■ 54.4570, 0.2677,
7.4922

■ 125.5820, 0.6991,
9.1366

■ 32.5710, 0.7045,
7.3922

■ 151.5820, 0.6991,
9.1366

■ 9.4080, 1.2779,
10.1662

■ 178.5820, 0.6991,
9.1366

■ 0.0000, 0.0000,
0.0000

■ 205.8810, 0.5517,
9.7514

■ 233.8810, 0.5517,
9.7514

■ 76.8700, 0.5571,
8.0070

■ 76.8700, 0.5571,
8.0070

■ 71.0170, 0.9776,
13.1401

■ 82.7230, 0.1366,
2.8739

■ 65.7510, 1.1088,
17.7584

■ 87.9890, 0.0054,
-1.7444

■ 59.8980, 1.5293,
22.8915

■ 93.8420, -0.4151,
-6.8774

■ 54.6320, 1.6604,
27.5097

■ 99.1080, -0.5462,
-11.4957

■ 48.7790, 2.0810,
32.6428

■ 104.9610, -0.9668,
-16.6288

■ 43.0400, 2.9383,
37.6759

■ 110.7000, -1.8241,
-21.6619

■ 37.7740, 3.0694,
42.2942

■ 115.9660, -1.9552,
-26.2802

■ 31.9210, 3.4899,

■ 121.8190, -2.3758,

47.4273

-31.4133

■ 29.9320, 3.4845,
49.1716

■ 127.0850, -2.5069,
-36.0315

Harmonies

Analogous

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



76.5320, 3.1887, 3.9184



76.8700, 0.5571, 8.0070



76.7840, -2.3585, 9.8364

Triad

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



76.8700, 0.5571, 8.0070



74.7460, -4.8048, 1.0998



73.9000, 4.9793, -10.4363

Complementary

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



76.8700, 0.5571, 8.0070



81.1300, -0.5571, -8.0070

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.



73.6180, 2.6533, -11.0660



76.8700, 0.5571, 8.0070



74.4680, -3.1887, -3.9184

Square

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



76.8700, 0.5571, 8.0070



75.9530, -5.3998, 5.3032



73.8310, -0.4097, -8.6218



75.1500, 5.8420, -7.1476

Rectangle

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



76.8700, 0.5571, 8.0070



76.1430, -3.5215, 9.5216



73.8310, -0.4097, -8.6218



74.3730, 4.2531, -10.8511

Sweetspot

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



76.8700, 0.5571, 8.0070



108.7230, 0.1366, 2.8739



75.9880, 4.9359, 3.5185



54.0110, -0.0054, 1.7444



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.



76.8700, 0.5571, 8.0070



97.6040, 0.6882, 12.6253



76.7730, -2.3531, 8.0921



40.4240, 0.2840, 2.2592



37.2370, 4.3202, 61.1822



81.7790, 9.4760, 134.3748

Inverse Universe

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



76.8700, 0.5571, 8.0070



97.6040, 0.6882, 12.6253



81.2270, 2.3531, -8.0921



40.4240, 0.2840, 2.2592



37.2370, 4.3202, 61.1822



81.7790, 9.4760, 134.3748

Previews

White Background



This preview shows how the YUV color 76.8700, 0.5571, 8.0070 looks on a white background.

Color Contrast Check

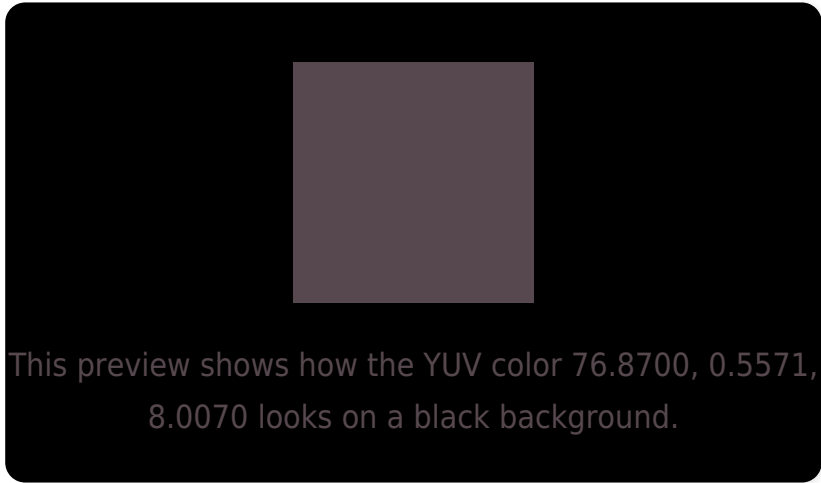
Large Text (above 18pt) WCAG AA ✓ Pass

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

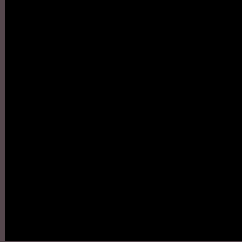
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.8700, 0.5571, 8.0070

Background



This preview shows how black text looks on a background with the YUV color 76.8700, 0.5571, 8.0070.



This preview shows how white text looks on a background with the YUV color 76.8700, 0.5571,

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

76.8700, 0.5571, 8.0070

Protanopia

75.8690, 2.0366, 0.1149

Deuteranopia

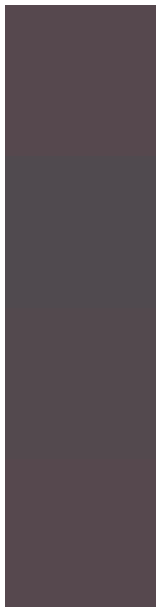
76.2610, 0.8573, 5.0331



Tritanopia

76.8700, 0.5571, 8.0070

Trichromacy



Original Color

76.8700, 0.5571, 8.0070

Protanomaly

76.3640, 1.2995, 3.1888

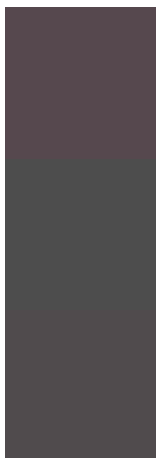
Deuteranomaly

76.5600, 0.7099, 5.6479

Tritanomaly

76.8700, 0.5571, 8.0070

Monochromacy



Original Color

76.8700, 0.5571, 8.0070

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

76.7230, 0.1366, 2.8739

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.8700, 0.5571, 8.0070 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(86, 72, 78)` looks like.

```
.text, #text, p{  
    color:rgb(86, 72, 78)  
}
```

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(86, 72, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 72, 78) }
```

Border

The CSS property to change the border of an element to YUV 76.8700, 0.5571, 8.0070 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(86, 72, 78) }
```


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

```
.border{ border-color:rgb(86, 72, 78) }
```

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

Here you see how a box with a 4 pixel rgb(86, 72, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 72, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 72, 78);  
box-shadow:4px 4px 4px 4px rgb(86, 72, 78)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.8700, 0.5571, 8.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 72, 78) }
```

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

```
.background{ background-color: rgb(86, 72,  
78) }
```

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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