

Converting Colors

YUV(76.3980, -7.0982, -9.9960)

Have a look what the booklet for
YUV(76.3980, -7.0982, -9.9960)
contains.

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Color

**YUV(76.3980, -7.0982,
-9.9960)**

Conversions

Conversions Part 1

Format	Color
Hex	41553E
RGB	65, 85, 62
RGB Percent	25%, 33%, 24%
CMY	0.7451, 0.6667, 0.7569
CMYK	0.24, 0.00, 0.27, 0.67
HSL	112°, 16%, 29%
HSV	112°, 27%, 33%
XYZ	6.2980, 7.9686, 5.7636
YIQ	76.3980, -4.5370, -11.3930

Conversions

Conversions Part 2

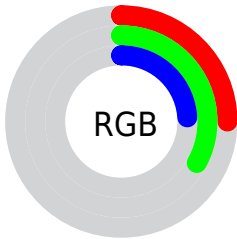
Format	Color
RYB	62, 85, 82
Decimal	4281662
CIELab	33.92, -12.83, 10.97
CIELCh	34, 16.883, 139.474
Yxy	7.9686, 0.3144, 0.3978
Android (android.graphics.Color)	4282471742 (0xFF41553E)
YUV	76.3980, -7.0982, -9.9960
Hunter-Lab	28.2287, -9.5760, 7.6546

Details

The YUV color **76.3980, -7.0982, -9.9960** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **70.6020, 7.0982, 9.9960**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.5720, -7.6770, -11.0256**, and **32.0390, -5.9352, -9.6812** is the 20% darker color. If you saturate the color by 10%, you get **73.2790, -9.9975, -13.3997**, and if you desaturate by 10%, it is **79.4030, -4.6357, -6.4924**.

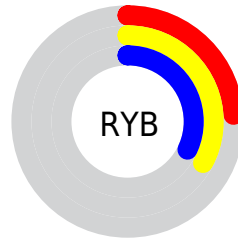
Distribution



 Red (25%)

 Green (33%)

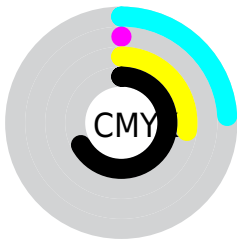
 Blue (24%)



 Red (24%)

 Yellow (33%)

 Blue (32%)

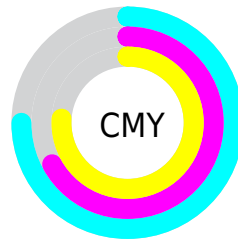


 Cyan (24%)

 Magenta (0%)

 Yellow (27%)

 Black (67%)



 Cyan (75%)

 Magenta (67%)

 Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.3980, -7.0982, -9.9960 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 76.3980, -7.0982, -9.9960 by changing the saturation by 10% instead.

■ 76.3980, -7.0982,
-9.9960

■ 76.3980, -7.0982,
-9.9960

255.0000, 0.0000,
0.0000

■ 53.8110, -6.8088,
-9.4812

■ 125.5720, -7.6770,
-11.0256

■ 32.0390, -5.9352,
-9.6812

■ 151.4580, -8.1138,
-10.9257

■ 11.7400, -5.7878,
-10.2960

■ 178.0450, -8.4032,
-11.4405

■ 0.0000, 0.0000,
0.0000

■ 205.9310, -8.8400,
-11.3405

■ 233.6320, -8.6926,
-11.9553

■ 251.9520, -3.9203,

-2.5889

■ 76.3980, -7.0982,
-9.9960

■ 76.3980, -7.0982,
-9.9960

■ 73.2790, -9.9975,
-13.3997

■ 79.4030, -4.6357,
-6.4924

■ 69.9750, -12.3127,
-17.5181

■ 82.8210, -1.8838,
-2.4740

■ 66.8560, -15.2120,
-20.9217

■ 85.8260, 0.5788,
1.0296

■ 63.5520, -17.5271,
-25.0401

■ 89.2440, 3.3307,
5.0480

■ 60.4330, -20.4265,
-28.4437

■ 92.2490, 5.7932,
8.5516

■ 57.4280, -22.8890,
-31.9474

■ 95.3680, 8.6926,
11.9553

■ 54.1240, -25.2041,
-36.0657

■ 98.6720, 11.0077,
16.0737

■ 53.1840, -26.2197,
-36.9954

■ 101.7910, 13.9070,
19.4773

■ 105.0950, 16.2222,
23.5957

Harmonies

Analogous

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



78.2100, -11.9355, 1.5698



76.3980, -7.0982, -9.9960



74.4550, -0.2243, -21.4470

Triad

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



76.3980, -7.0982, -9.9960



76.9620, 14.3157, -18.3837



81.1770, -5.0173, 22.6468

Complementary

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



76.3980, -7.0982, -9.9960



70.6020, 7.0982, 9.9960

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.



81.5770, 1.6875, 18.7880



76.3980, -7.0982, -9.9960



80.1810, 12.2358, -4.5437

Square

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



76.3980, -7.0982, -9.9960



73.8420, 12.8959, -29.6794



81.4170, 7.6824, 9.2813



80.4880, -10.1006, 19.7430

Rectangle

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



76.3980, -7.0982, -9.9960



73.2030, 5.3229, -27.3650



81.4170, 7.6824, 9.2813



81.4480, -2.6859, 21.5321

Sweetspot

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



76.3980, -7.0982, -9.9960



106.5820, -2.7519, -4.0184



80.6170, -9.1782, 3.8439



53.8210, -1.8838, -2.4740



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.



76.3980, -7.0982, -9.9960



96.7410, -10.7183, -15.5589



76.4130, -3.1616, -12.6402



41.6470, -1.3050, -1.4444



66.9950, -33.0285, -46.4766



147.2140, -72.5765, -101.9197

Inverse Universe

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



70.6020, 7.0982, 9.9960



87.9600, 10.8657, 14.9441



70.5870, 3.1616, 12.6402



40.6520, 1.1576, 2.0592



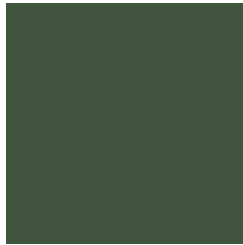
40.0050, 33.0285, 46.4766



87.7860, 72.5765, 101.9197

Previews

White Background



This preview shows how the YUV color 76.3980, -7.0982, -9.9960 looks on a white background.

Color Contrast Check

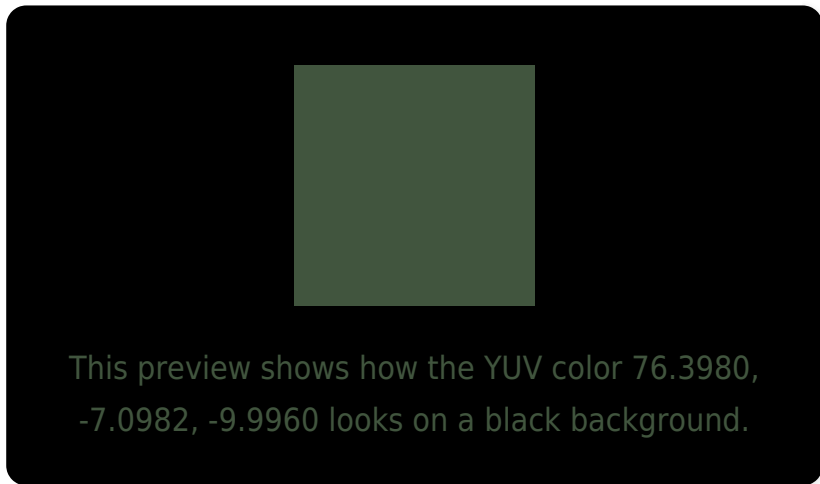
Large Text (above 18pt) WCAG AA ✓ Pass

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

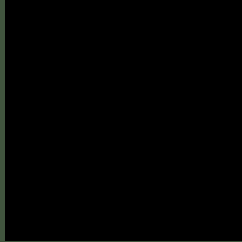
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

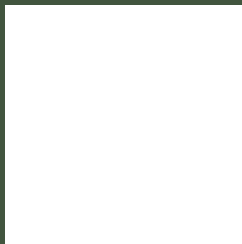
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 76.3980, -7.0982, -9.9960

Background



This preview shows how black text looks on a background with the YUV color 76.3980, -7.0982, -9.9960.



This preview shows how white text looks on a background with the YUV color 76.3980, -7.0982, -9.9960.

-9.9960.

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

76.3980, -7.0982, -9.9960

Protanopia

78.6280, -9.1836, 5.5882

Deuteranopia

79.7150, -7.7475, 11.6509



Tritanopia

78.7970, 4.5371, -8.5920

Trichromacy



Original Color

76.3980, -7.0982, -9.9960

Protanomaly

77.8230, -8.2937, 0.1552

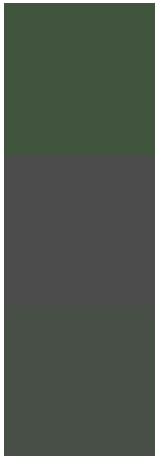
Deuteranomaly

78.3720, -7.5784, 4.0588

Tritanomaly

78.0590, 0.4639, -8.8217

Monochromacy



Original Color

76.3980, -7.0982, -9.9960

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.9950, -2.4625, -3.5036

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.3980, -7.0982, -9.9960 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(65, 85, 62)` looks like.

```
.text, #text, p{  
    color:rgb(65, 85, 62)  
}
```

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(65, 85, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 85, 62) }
```

Border

The CSS property to change the border of an element to YUV 76.3980, -7.0982, -9.9960 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(65, 85, 62) }
```


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

```
.border{ border-color:rgb(65, 85, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 85, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 85, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 85, 62);  
box-shadow:4px 4px 4px 4px rgb(65, 85, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.3980, -7.0982, -9.9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 85, 62) }
```

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

```
.background{ background-color: rgb(65, 85,  
62) }
```

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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