

Converting Colors

YUV(82.3980, -4.1402, -72.2630)

Have a look what the booklet for
YUV(82.3980, -4.1402, -72.2630)
contains.

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Color

**YUV(82.3980, -4.1402,
-72.2630)**

Conversions

Conversions Part 1

Format	Color
Hex	007E4A
RGB	0, 126, 74
RGB Percent	0%, 49%, 29%
CMY	1.0000, 0.5059, 0.7098
CMYK	1.00, 0.00, 0.41, 0.51
HSL	155°, 100%, 25%
HSV	155°, 100%, 49%
XYZ	8.6969, 15.4161, 8.9958
YIQ	82.3980, -58.4040, -42.8840

Conversions

Conversions Part 2

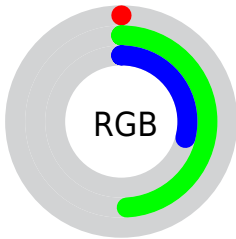
Format	Color
RYB	0, 79, 126
Decimal	32330
CIELab	46.20, -42.79, 20.13
CIELCh	46, 47.289, 154.804
Yxy	15.4161, 0.2627, 0.4656
Android (android.graphics.Color)	4278222410 (0xFF007E4A)
YUV	82.3980, -4.1402, -72.2630
Hunter-Lab	39.2634, -29.1729, 13.9002

Details

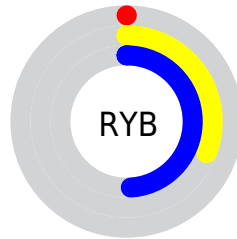
The YUV color **82.3980, -4.1402, -72.2630** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **43.6020, 4.1402, 72.2630**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0040, -9.8620, -57.0085**, and **47.3310, -9.0372, -41.5093** is the 20% darker color. If you saturate the color by 10%, you get **82.3980, -4.1402, -72.2630**, and if you desaturate by 10%, it is **86.8550, -3.8725, -64.7708**.

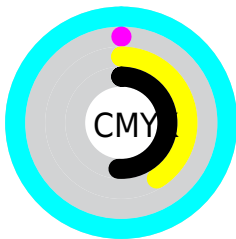
Distribution



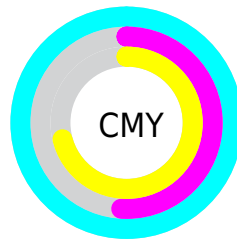
- Red (0%)
- Green (49%)
- Blue (29%)



- Red (0%)
- Yellow (31%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.3980, -4.1402, -72.2630 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 82.3980, -4.1402, -72.2630 by changing the saturation by 10% instead.

■ 82.3980, -4.1402,
-72.2630

■ 82.3980, -4.1402,
-72.2630

255.0000, 0.0000,
0.0000

■ 64.5140, -6.6624,
-56.5788

■ 143.0040, -9.8620,
-57.0085

■ 47.3310, -9.0372,
-41.5093

■ 170.7760,
-10.7356, -56.8086

■ 31.2080, -12.4275,
-27.3694

■ 198.9610,
-11.3198, -56.0938

■ 17.6100, -8.6817,
-15.4440

■ 221.6780, -8.7153,
-51.4606

■ 0.0000, 0.0000,
0.0000

■ 233.5410, -0.7597,
-36.4315

■ 244.8340, 5.0118,

-20.9024

253.8040, 0.5896,
-2.4591

82.3980, -4.1402,
-72.2630

86.8550, -3.8725,
-64.7708

91.0130, -3.4574,
-57.8934

95.5840, -2.7529,
-50.5012

99.7420, -2.3378,
-43.6237

104.1990, -2.0701,
-36.1315

■ 108.6560, -1.8024,
-28.6393

■ 112.8140, -1.3873,
-21.7619

■ 117.3850, -0.6828,
-14.3696

■ 121.5430, -0.2677,
-7.4922

Harmonies

Analogous

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



99.7030, -29.9266, -14.6485



82.3980, -4.1402, -72.2630



88.2460, 13.1897, -77.3917

Triad

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



82.3980, -4.1402, -72.2630



94.7650, 46.4579, -61.1839



106.8200, -20.1243, 61.5479

Complementary

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



82.3980, -4.1402, -72.2630



43.6020, 4.1402, 72.2630

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.



108.3530, -1.6530, 63.7114



82.3980, -4.1402, -72.2630



111.8830, 31.1167, 6.2416

Square

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



82.3980, -4.1402, -72.2630



92.2480, 43.7547, -80.9015



111.8140, 15.8677, 44.0131



106.6980, -35.3471, 44.1149

Rectangle

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



82.3980, -4.1402, -72.2630



91.3240, 24.9833, -80.0911



111.8140, 15.8677, 44.0131



106.8510, -13.7305, 64.1517

Sweetspot

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



82.3980, -4.1402, -72.2630



146.0690, -1.5130, -28.1245



89.5100, -44.1284, -32.8963



71.5480, -1.2562, -17.1436



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



82.3980, -4.1402, -72.2630



106.6250, -5.2381, -93.5101



82.4560, 21.4672, -72.3139



61.5650, -0.2785, -4.0035



83.6860, -4.2822, -73.3926



0.0000, 0.0000, 0.0000

Inverse Universe

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



43.6020, 4.1402, 72.2630



56.3750, 5.2381, 93.5101



44.1310, -21.7566, 71.7991



59.4350, 0.2785, 4.0035



44.3140, 4.2822, 73.3926



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 82.3980, -4.1402, -72.2630 looks on a white background.

Color Contrast Check

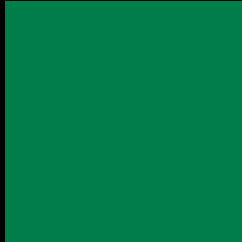
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 82.3980, -4.1402, -72.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 82.3980, -4.1402, -72.2630

Background



This preview shows how black text looks on a background with the YUV color 82.3980, -4.1402, -72.2630.



This preview shows how white text looks on a background with the YUV color 82.3980, -4.1402,

-72.2630.

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

82.3980, -4.1402, -72.2630

Protanopia

107.2020, -19.8196, 10.3468

Deuteranopia

109.2120, -14.8945, 17.3541



Tritanopia

98.9000, 14.8393, -46.3933

Trichromacy



Original Color

82.3980, -4.1402, -72.2630



Protanomaly

98.2090, -13.9070, -19.4773



Deuteranomaly

99.6270, -11.1551, -15.4589



Tritanomaly

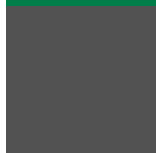
92.7110, 8.0305, -55.8745

Monochromacy



Original Color

82.3980, -4.1402, -72.2630



Achromatopsia

82.0000, 0.0000, 0.0000



Achromatomaly

82.0800, -1.5184, -26.3802

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.3980, -4.1402, -72.2630 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(0, 126, 74)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 74)  
}
```

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(0, 126, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 74) }
```

Border

The CSS property to change the border of an element to YUV 82.3980, -4.1402, -72.2630 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(0, 126, 74) }
```


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

```
.border{ border-color:rgb(0, 126, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 126, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 74);  
box-shadow:4px 4px 4px 4px rgb(0, 126, 74)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.3980, -4.1402, -72.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 74) }
```

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

```
.background{ background-color: rgb(0, 126,  
74) }
```

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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