

Converting Colors

YUV(76.4880, -0.2406, -16.2140)

Have a look what the booklet for
YUV(76.4880, -0.2406, -16.2140)
contains.

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Color

**YUV(76.4880, -0.2406,
-16.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	3A564C
RGB	58, 86, 76
RGB Percent	23%, 34%, 30%
CMY	0.7725, 0.6627, 0.7020
CMYK	0.33, 0.00, 0.12, 0.66
HSL	159°, 19%, 28%
HSV	159°, 33%, 34%
XYZ	6.3772, 8.0769, 8.0604
YIQ	76.4880, -13.4780, -9.0460

Conversions

Conversions Part 2

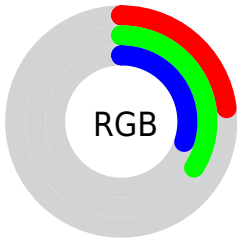
Format	Color
RYB	58, 75, 86
Decimal	3823180
CIELab	34.14, -12.96, 2.48
CIELCh	34, 13.192, 169.185
Yxy	8.0769, 0.2832, 0.3587
Android (android.graphics.Color)	4282013260 (0xFF3A564C)
YUV	76.4880, -0.2406, -16.2140
Hunter-Lab	28.4199, -9.6808, 3.0783

Details

The YUV color **76.4880, -0.2406, -16.2140** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **67.5120, 0.2406, 16.2140**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.7760, -0.3826, -17.3436**, and **31.9010, 0.0488, -15.6992** is the 20% darker color. If you saturate the color by 10%, you get **73.4550, -0.2243, -21.4470**, and if you desaturate by 10%, it is **79.5210, -0.2569, -10.9809**.

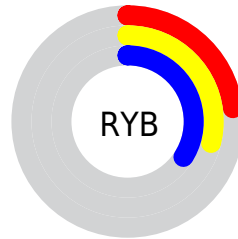
Distribution



 Red (23%)

 Green (34%)

 Blue (30%)



 Red (23%)

 Yellow (29%)

 Blue (34%)

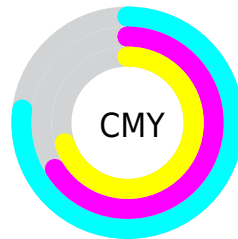


 Cyan (33%)

 Magenta (0%)

 Yellow (12%)

 Black (66%)



 Cyan (77%)

 Magenta (66%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.4880, -0.2406, -16.2140 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 76.4880, -0.2406, -16.2140 by changing the saturation by 10% instead.

■ 76.4880, -0.2406,
-16.2140

■ 76.4880, -0.2406,
-16.2140

■ 255.0000, 0.0000,
0.0000

■ 53.4880, -0.2406,
-16.2140

■ 125.7760, -0.3826,
-17.3436

■ 31.9010, 0.0488,
-15.6992

■ 151.7760, -0.3826,
-17.3436

■ 13.2390, -2.5828,
-11.6106

■ 178.3630, -0.6720,
-17.8584

■ 0.0000, 0.0000,
0.0000

■ 206.0640, -0.5246,
-18.4731

■ 234.6510, -0.8139,
-18.9879

■ 250.8140, 2.0637,

-8.6069

■ 76.4880, -0.2406,
-16.2140

■ 76.4880, -0.2406,
-16.2140

■ 73.4550, -0.2243,
-21.4470

■ 79.5210, -0.2569,
-10.9809

■ 70.7210, -0.3555,
-26.0653

■ 82.2550, -0.1257,
-6.3626

■ 67.6880, -0.3392,
-31.2984

■ 85.2880, -0.1420,
-1.1296

■ 64.9540, -0.4703,
-35.9167

■ 88.0220, -0.0108,
3.4887

■ 61.9210, -0.4541,
-41.1497

■ 91.0550, -0.0271,
8.7218

■ 58.8880, -0.4378,
-46.3828

■ 94.0880, -0.0434,
13.9548

■ 56.7520, -0.8637,
-49.7715

■ 96.9360, 0.5246,
18.4731

■ 99.9690, 0.5083,
23.7062

■ 102.7030, 0.6394,
28.3245

Harmonies

Analogous

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



77.4630, -5.6513, -7.4221



76.4880, -0.2406, -16.2140



75.6490, 5.5960, -21.6172

Triad

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



76.4880, -0.2406, -16.2140



80.7960, 9.4676, -3.3291



81.0360, -7.9057, 15.7544

Complementary

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



76.4880, -0.2406, -16.2140



67.5120, 0.2406, 16.2140

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.



81.7850, -3.8380, 17.7286



76.4880, -0.2406, -16.2140



81.6510, 6.0881, 7.3221

Square

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



76.4880, -0.2406, -16.2140



78.4850, 11.0999, -13.5803



82.1420, 1.4090, 14.7845



80.1340, -9.9261, 10.4065

Rectangle

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



76.4880, -0.2406, -16.2140



76.3330, 8.2168, -22.2170



82.1420, 1.4090, 14.7845



81.3890, -6.6008, 17.1988

Sweetspot

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



76.4880, -0.2406, -16.2140



108.2550, -0.1257, -6.3626



77.4260, -9.5770, -8.2666



53.6790, 0.1583, -4.1035



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.



76.4880, -0.2406, -16.2140



97.1340, -0.0661, -25.5505



75.2800, 5.2850, -15.1546



41.6900, 0.1528, -2.3591



70.6750, -0.8258, -61.9820



155.1590, -2.0504, -136.0744

Inverse Universe

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



67.5120, 0.2406, 16.2140



82.9800, 0.5029, 25.4505



68.7200, -5.2850, 15.1546



40.4240, 0.2840, 2.2592



36.3250, 0.8258, 61.9820



79.8410, 2.0504, 136.0744

Previews

White Background



This preview shows how the YUV color 76.4880, -0.2406, -16.2140 looks on a white background.

Color Contrast Check

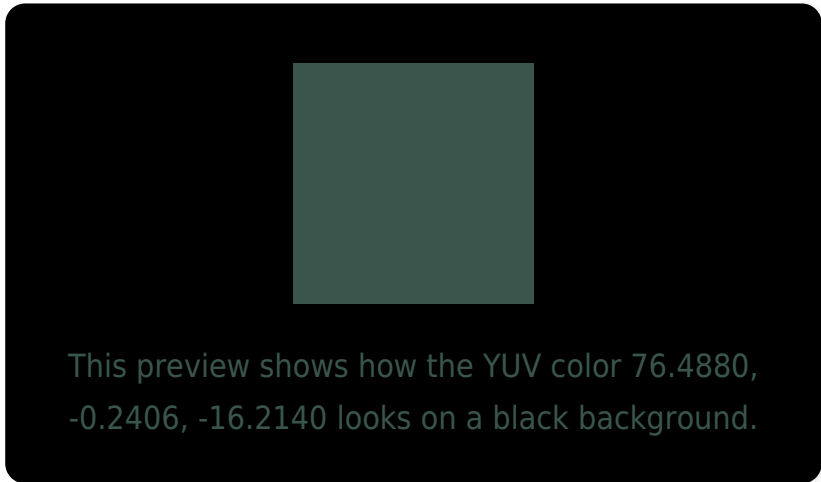
Large Text (above 18pt) WCAG AA ✓ Pass

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

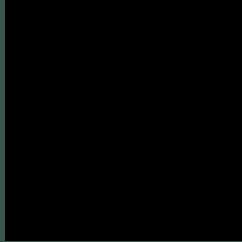
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.4880, -0.2406, -16.2140

Background



This preview shows how black text looks on a background with the YUV color 76.4880, -0.2406, -16.2140.



This preview shows how white text looks on a background with the YUV color 76.4880, -0.2406, -16.2140.

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

76.4880, -0.2406, -16.2140

Protanopia

80.0990, -3.4998, 2.5442

Deuteranopia

80.7020, -1.3321, 7.2773



Tritanopia

77.9210, 6.4479, -14.8397

Trichromacy



Original Color

76.4880, -0.2406, -16.2140

Protanomaly

78.6960, -2.3151, -4.1184

Deuteranomaly

79.0600, -1.0156, -0.9296

Tritanomaly

77.6390, 4.1220, -15.4694

Monochromacy



Original Color

76.4880, -0.2406, -16.2140

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2550, -0.1257, -6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.4880, -0.2406, -16.2140 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(58, 86, 76)` looks like.

```
.text, #text, p{  
    color:rgb(58, 86, 76)  
}
```

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(58, 86, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 86, 76) }
```

Border

The CSS property to change the border of an element to YUV 76.4880, -0.2406, -16.2140 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(58, 86, 76) }
```


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

```
.border{ border-color:rgb(58, 86, 76) }
```

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

Here you see how a box with a 4 pixel rgb(58, 86, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 86, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 86, 76);  
box-shadow:4px 4px 4px 4px rgb(58, 86, 76)  
}
```

Background

The CSS property to change the background color of an element to YUV 76.4880, -0.2406, -16.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 86, 76) }
```

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

```
.background{ background-color: rgb(58, 86,  
76) }
```

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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