

Converting Colors

YUV(80.2770, -3.5876, -16.0289)

Have a look what the booklet for
YUV(80.2770, -3.5876, -16.0289)
contains.

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Color

**YUV(80.2770, -3.5876,
-16.0289)**

Conversions

Conversions Part 1

Format	Color
Hex	3E5B49
RGB	62, 91, 73
RGB Percent	24%, 36%, 29%
CMY	0.7569, 0.6431, 0.7137
CMYK	0.32, 0.00, 0.20, 0.64
HSL	143°, 19%, 30%
HSV	143°, 32%, 36%
XYZ	6.9303, 8.9873, 7.6728
YIQ	80.2770, -11.5060, -11.7460

Conversions

Conversions Part 2

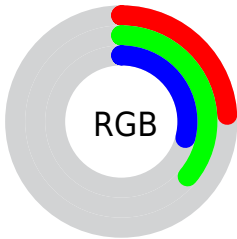
Format	Color
RYB	62, 83, 91
Decimal	4086601
CIELab	35.96, -15.08, 6.98
CIELCh	36, 16.616, 155.172
Yxy	8.9873, 0.2938, 0.3810
Android (android.graphics.Color)	4282276681 (0xFF3E5B49)
YUV	80.2770, -3.5876, -16.0289
Hunter-Lab	29.9789, -11.1988, 5.8106

Details

The YUV color **80.2770, -3.5876, -16.0289** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.7230, 3.5876, 16.0289**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.5650, -3.7295, -17.1585**, and **34.8040, -2.8614, -15.6141** is the 20% darker color. If you saturate the color by 10%, you get **76.9020, -4.8817, -20.9621**, and if you desaturate by 10%, it is **83.6520, -2.2934, -11.0958**.

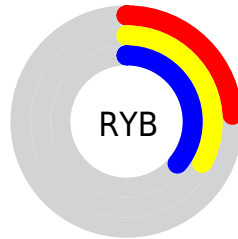
Distribution



Red (24%)

Green (36%)

Blue (29%)



Red (24%)

Yellow (33%)

Blue (36%)

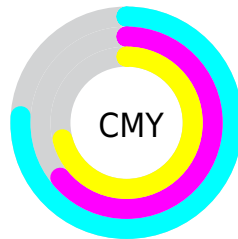


Cyan (32%)

Magenta (0%)

Yellow (20%)

Black (64%)



Cyan (76%)

Magenta (64%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2770, -3.5876, -16.0289 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 80.2770, -3.5876, -16.0289 by changing the saturation by 10% instead.

80.2770, -3.5876,
-16.0289

80.2770, -3.5876,
-16.0289

255.0000, 0.0000,
0.0000

56.6900, -3.2982,
-15.5141

129.5650, -3.7295,
-17.1585

34.8040, -2.8614,
-15.6141

156.0380, -4.4557,
-17.5733

15.1310, -5.4876,
-13.2699

183.0380, -4.4557,
-17.5733

0.0000, 0.0000,
0.0000

210.6250, -4.7451,
-18.0881

239.2120, -5.0345,
-18.6029

252.3090, 1.3267,

-5.5330

■ 80.2770, -3.5876,
-16.0289

■ 80.2770, -3.5876,
-16.0289

■ 76.9020, -4.8817,
-20.9621

■ 83.6520, -2.2934,
-11.0958

■ 73.6410, -5.7390,
-25.9952

■ 86.9130, -1.4361,
-6.0627

■ 70.2660, -7.0331,
-30.9283

■ 90.2880, -0.1420,
-1.1296

■ 66.8910, -8.3273,
-35.8614

■ 93.6630, 1.1521,
3.8035

■ 63.6300, -9.1846,
-40.8945

■ 97.2230, 1.8621,
9.4514

■ 59.9560, -10.3313,
-46.4424

■ 100.5980, 3.1562,
14.3846

■ 57.4070, -11.0467,
-50.3459

■ 103.9730, 4.4503,
19.3177

■ 107.2340, 5.3076,
24.3508

■ 110.6090, 6.6018,
29.2839

Harmonies

Analogous

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



81.8610, -9.2985, -4.2631



80.2770, -3.5876, -16.0289



78.4590, 3.7177, -25.8355

Triad

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



80.2770, -3.5876, -16.0289



83.7780, 13.4204, -11.2063



85.4820, -7.6326, 21.5023

Complementary

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



80.2770, -3.5876, -16.0289



72.7230, 3.5876, 16.0289

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.



86.6760, -1.8123, 21.3321



80.2770, -3.5876, -16.0289



85.9540, 9.8827, 3.5483

Square

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



80.2770, -3.5876, -16.0289



80.4020, 13.6058, -24.0316



86.6520, 4.6086, 15.2142



85.0100, -11.8369, 16.6542

Rectangle

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



80.2770, -3.5876, -16.0289



77.9900, 8.3859, -29.8092



86.6520, 4.6086, 15.2142



85.6500, -5.7435, 22.2319

Sweetspot

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



80.2770, -3.5876, -16.0289



112.9130, -1.4361, -6.0627



84.4050, -11.0457, -3.8632



56.3370, -1.1521, -3.8035



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



80.2770, -3.5876, -16.0289



100.7660, -5.3076, -24.3508



81.8730, 2.5276, -17.4286



44.1630, -0.5734, -2.7740



69.3580, -13.4875, -60.8270



149.3790, -29.2738, -131.0054

Inverse Universe

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



72.7230, 3.5876, 16.0289



89.2340, 5.3076, 24.3508



71.1270, -2.5276, 17.4286



42.8370, 0.5734, 2.7740



40.6420, 13.4875, 60.8270



87.6210, 29.2738, 131.0054

Previews

White Background



This preview shows how the YUV color 80.2770, -3.5876, -16.0289 looks on a white background.

Color Contrast Check

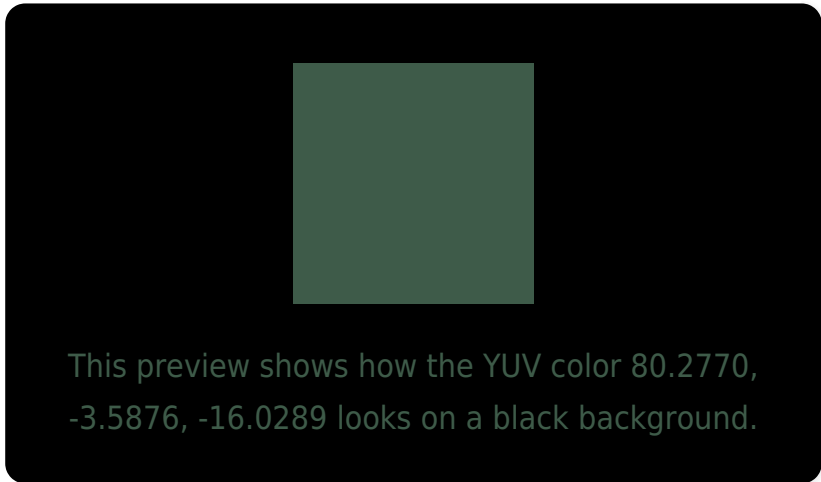
Large Text (above 18pt) WCAG AA ✓ Pass

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

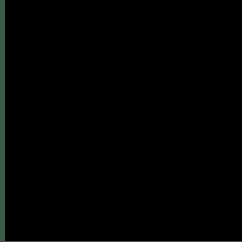
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.2770, -3.5876, -16.0289

Background



This preview shows how black text looks on a background with the YUV color 80.2770, -3.5876, -16.0289.



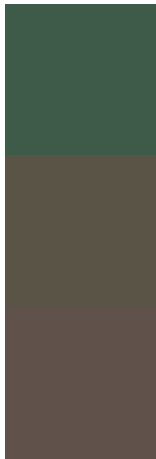
This preview shows how white text looks on a background with the YUV color 80.2770, -3.5876, -16.0289.

-16.0289.

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

80.2770, -3.5876, -16.0289

Protanopia

83.8990, -6.8522, 4.4736

Deuteranopia

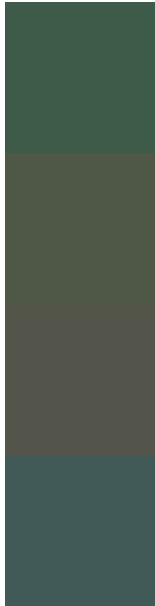
84.8010, -4.8319, 9.8215



Tritanopia

82.2200, 6.3005, -14.2249

Trichromacy



Original Color

80.2770, -3.5876, -16.0289

Protanomaly

82.7840, -5.8095, -3.3186

Deuteranomaly

83.4470, -4.6574, 0.4850

Tritanomaly

81.5960, 2.6642, -14.5547

Monochromacy



Original Color

80.2770, -3.5876, -16.0289

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9130, -1.4361, -6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2770, -3.5876, -16.0289 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(62, 91, 73)` looks like.

```
.text, #text, p{  
    color:rgb(62, 91, 73)  
}
```

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(62, 91, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 91, 73) }
```

Border

The CSS property to change the border of an element to YUV 80.2770, -3.5876, -16.0289 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(62, 91, 73) }
```


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

```
.border{ border-color:rgb(62, 91, 73) }
```

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

Here you see how a box with a 4 pixel rgb(62, 91, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 91, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 91, 73);  
box-shadow:4px 4px 4px 4px rgb(62, 91, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.2770, -3.5876, -16.0289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 91, 73) }
```

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

```
.background{ background-color: rgb(62, 91,  
73) }
```

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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