

Converting Colors

YUV(80.2570, -9.9867, -16.8884)

Have a look what the booklet for
YUV(80.2570, -9.9867, -16.8884)
contains.

YUV(80.2570, -9.9867, -16.8884)	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(80.2570, -9.9867,
-16.8884)**

Conversions

Conversions Part 1

Format	Color
Hex	3D5E3C
RGB	61, 94, 60
RGB Percent	24%, 37%, 24%
CMY	0.7608, 0.6314, 0.7647
CMYK	0.35, 0.00, 0.36, 0.63
HSL	118°, 22%, 30%
HSV	118°, 36%, 37%
XYZ	6.7428, 9.3238, 5.7192
YIQ	80.2570, -8.7540, -17.5700

Conversions

Conversions Part 2

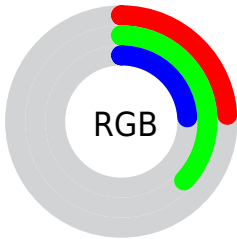
Format	Color
R_{YB}	60, 94, 93
Decimal	4021820
CIE _{Lab}	36.60, -19.74, 15.79
CIE _{LCh}	37, 25.279, 141.348
Yxy	9.3238, 0.3095, 0.4280
Android (android.graphics.Color)	4282211900 (0xFF3D5E3C)
YUV	80.2570, -9.9867, -16.8884
Hunter-Lab	30.5348, -14.0191, 10.2692

Details

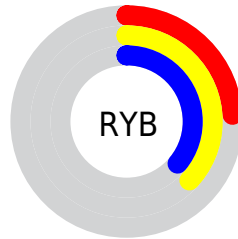
The YUV color **80.2570, -9.9867, -16.8884** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **73.7430, 9.9867, 16.8884**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.3170, -11.0023, -17.8180**, and **34.5990, -8.6763, -17.1883** is the 20% darker color. If you saturate the color by 10%, you get **76.5400, -12.5912, -21.5216**, and if you desaturate by 10%, it is **83.9740, -7.3822, -12.2552**.

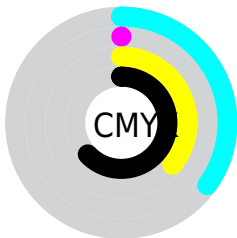
Distribution



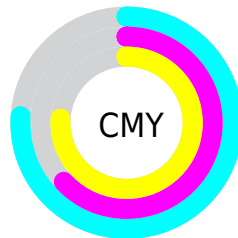
- Red (24%)
- Green (37%)
- Blue (24%)



- Red (24%)
- Yellow (37%)
- Blue (36%)



- Cyan (35%)
- Magenta (0%)
- Yellow (36%)
- Black (63%)



- Cyan (76%)
- Magenta (63%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.2570, -9.9867, -16.8884 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 80.2570, -9.9867, -16.8884 by changing the saturation by 10% instead.

80.2570, -9.9867,
-16.8884

80.2570, -9.9867,
-16.8884

255.0000, 0.0000,
0.0000

56.7840, -9.2605,
-16.4736

130.3170,
-11.0023, -17.8180

34.5990, -8.6763,
-17.1883

156.2030,
-11.4391, -17.7180

16.4360, -8.1029,
-14.4144

183.3770,
-12.0179, -18.7476

0.0000, 0.0000,
0.0000

210.9640,
-12.3073, -19.2624

238.9640,
-12.3073, -19.2624

250.8270, -4.3517,

-4.2333

■ 80.2570, -9.9867,
-16.8884

■ 80.2570, -9.9867,
-16.8884

■ 76.5400, -12.5912,
-21.5216

■ 83.9740, -7.3822,
-12.2552

■ 72.7090, -15.6325,
-26.0548

■ 87.8050, -4.3409,
-7.7220

■ 68.9920, -18.2371,
-30.6880

■ 91.5220, -1.7363,
-3.0888

■ 65.1610, -21.2784,
-35.2212

■ 95.3530, 1.3050,
1.4444

■ 61.1450, -23.7355,
-40.4692

■ 99.3690, 3.7621,
6.6924

■ 57.4280, -26.3400,
-45.1024

■ 103.0860, 6.3666,
11.3256

■ 56.0750, -27.6450,
-46.5468

■ 106.9170, 9.4079,
15.8588

■ 110.6340, 12.0124,
20.4920

■ 114.4650, 15.0538,
25.0252

Harmonies

Analogous

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



82.7170, -17.6085, 1.1252



80.2570, -9.9867, -16.8884



74.9260, 2.0085, -37.6461

Triad

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



80.2570, -9.9867, -16.8884



80.0510, 22.6529, -32.4937



87.2600, -7.5232, 33.0980

Complementary

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



80.2570, -9.9867, -16.8884



73.7430, 9.9867, 16.8884

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.



88.4580, 2.2392, 28.5393



80.2570, -9.9867, -16.8884



86.4780, 18.4983, -6.5582

Square

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



80.2570, -9.9867, -16.8884



69.1030, 23.6132, -60.6033



89.0740, 11.3025, 14.8441



86.4630, -15.5113, 28.5349

Rectangle

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



80.2570, -9.9867, -16.8884



67.8400, 12.4039, -58.6187



89.0740, 11.3025, 14.8441



87.4710, -4.1762, 32.9129

Sweetspot

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



80.2570, -9.9867, -16.8884



116.6310, -3.7621, -6.6924



89.5370, -14.5617, 3.9141



57.6960, -2.3151, -4.1184



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



80.2570, -9.9867, -16.8884



100.8230, -15.1957, -26.1548



81.7820, -2.8505, -19.1028



43.9350, -1.4470, -2.5740



65.4670, -32.2752, -54.7836



141.2120, -69.6175, -117.7039

Inverse Universe

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



73.7430, 9.9867, 16.8884



91.1770, 15.1957, 26.1548



72.2180, 2.8505, 19.1028



43.0650, 1.4470, 2.5740



44.2340, 32.4226, 54.1688



95.7880, 69.6175, 117.7039

Previews

White Background



This preview shows how the YUV color 80.2570, -9.9867, -16.8884 looks on a white background.

Color Contrast Check

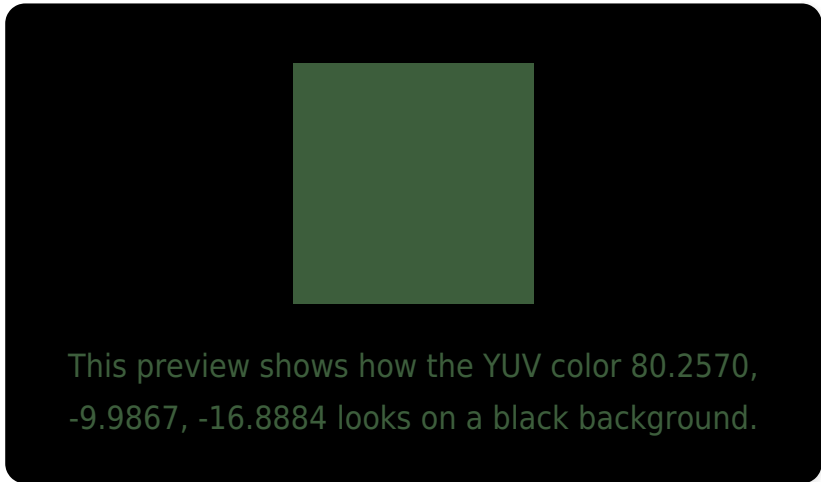
Large Text (above 18pt) WCAG AA ✓ Pass

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

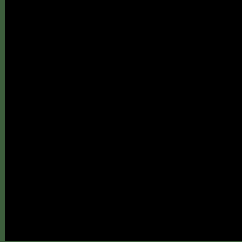
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.2570, -9.9867, -16.8884

Background



This preview shows how black text looks on a background with the YUV color 80.2570, -9.9867, -16.8884.



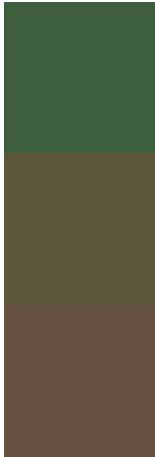
This preview shows how white text looks on a background with the YUV color 80.2570, -9.9867, -16.8884.

-16.8884.

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

80.2570, -9.9867, -16.8884

Protanopia

84.7870, -13.6990, 7.2028

Deuteranopia

85.8140, -11.2473, 14.1951



Tritanopia

84.2200, 6.3005, -14.2249

Trichromacy



Original Color

80.2570, -9.9867, -16.8884

Protanomaly

83.0740, -12.3615, -1.8189

Deuteranomaly

83.5630, -10.6306, 3.0142

Tritanomaly

82.4280, 0.7750, -15.2844

Monochromacy



Original Color

80.2570, -9.9867, -16.8884

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0440, -3.4727, -6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.2570, -9.9867, -16.8884 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(61, 94, 60)` looks like.

```
.text, #text, p{  
    color:rgb(61, 94, 60)  
}
```

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(61, 94, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 94, 60) }
```

Border

The CSS property to change the border of an element to YUV 80.2570, -9.9867, -16.8884 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(61, 94, 60) }
```


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

```
.border{ border-color:rgb(61, 94, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 94, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 94, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 94, 60);  
box-shadow:4px 4px 4px 4px rgb(61, 94, 60)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.2570, -9.9867, -16.8884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 94, 60) }
```

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

```
.background{ background-color: rgb(61, 94,  
60) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor