

Converting Colors

YUV(17.4980, 11.5865, 17.1033)

Have a look what the booklet for
YUV(17.4980, 11.5865, 17.1033)
contains.

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Color

**YUV(17.4980, 11.5865,
17.1033)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 250329 |
| RGB | 37, 3, 41 |
| RGB Percent | 15%, 1%, 16% |
| CMY | 0.8549, 0.9882, 0.8392 |
| CMYK | 0.10, 0.93, 0.00, 0.84 |
| HSL | 294°, 86%, 9% |
| HSV | 294°, 93%, 16% |
| XYZ | 1.1958, 0.6185, 2.1542 |
| YIQ | 17.4980, 8.0660, 19.0260 |

Conversions

Conversions Part 2

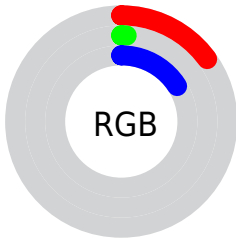
| Format | Color |
|-------------------------------------|---|
| RYB | 37, 3, 41 |
| Decimal | 2425641 |
| CIELab | 5.59, 23.24, -16.87 |
| CIELCh | 6, 28.720, 324.019 |
| Yxy | 0.6185, 0.3013, 0.1559 |
| Android (android.graphics.Color) | 4280615721 (0xFF250329) |
| YUV | 17.4980, 11.5865, 17.1033 |
| Hunter-Lab | 7.8647, 13.3759, -10.7346 |

Details

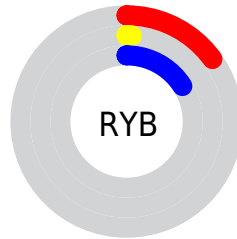
The YUV color **17.4980, 11.5865, 17.1033** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26.5020, -11.5865, -17.1033**, and the grayscale version is **17.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.7970, 11.4391, 17.7180**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.7370, 12.4547, 18.6477**, and if you desaturate by 10%, it is **19.8460, 10.4289, 15.0441**.

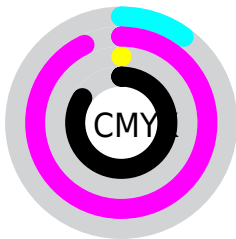
Distribution



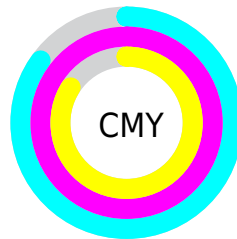
- Red (15%)
- Green (1%)
- Blue (16%)



- Red (15%)
- Yellow (1%)
- Blue (16%)



- Cyan (10%)
- Magenta (93%)
- Yellow (0%)
- Black (84%)



- Cyan (85%)
- Magenta (99%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 17.4980, 11.5865, 17.1033 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 17.4980, 11.5865, 17.1033 by changing the saturation by 10% instead.

■ 17.4980, 11.5865,
17.1033

■ 17.4980, 11.5865,
17.1033

■ 239.1510, 7.8136,
13.8996

■ 2.2800, 8.7360,
-1.9996

■ 62.7970, 11.4391,
17.7180

■ 0.0000, 0.0000,
0.0000

■ 86.6230, 12.0179,
18.7476

■ 111.0360, 12.3073,
19.2624


■ 136.8620, 12.8860,
20.2920


■ 163.2750, 13.1754,
20.8068


■ 190.6880, 13.4648,


21.3216

 218.4000, 13.6068,
22.4512

 17.4980, 11.5865,
17.1033


 17.4980, 11.5865,
17.1033


 15.7370, 12.4547,
18.6477

 19.8460, 10.4289,
15.0441

 22.4930, 9.1240,
13.5996

 24.8410, 7.9664,
11.5404

 27.4880, 6.6614,
10.0960

 29.8360, 5.5039,
8.0368

■ 33.0700, 3.9095,
6.0776

■ 35.4180, 2.7519,
4.0184

■ 37.7660, 1.5944,
1.9592

■ 40.4130, 0.2894,
0.5148

Harmonies

Analogous

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



15.7550, 18.3618, -9.4321



17.4980, 11.5865, 17.1033



17.2730, 2.8234, 27.8246

Triad

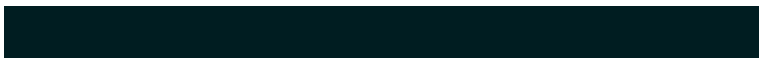
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.4980, 11.5865, 17.1033



17.7640, -8.7577, 8.9770



20.7850, 6.0220, -18.2284

Complementary

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



17.4980, 11.5865, 17.1033



26.5020, -11.5865, -17.1033

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.



17.8040, -2.8614, -15.6141



17.4980, 11.5865, 17.1033



13.8000, -6.8034, -11.2256

Square

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



17.4980, 11.5865, 17.1033



16.0800, -7.9274, 22.7318



16.4360, -8.1029, -14.4144



21.4350, 13.5895, -18.7985

Rectangle

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



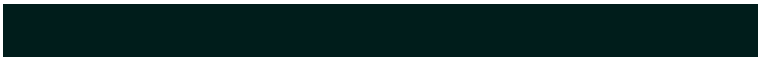
17.4980, 11.5865, 17.1033



15.8190, -5.3338, 30.8537



16.4360, -8.1029, -14.4144



20.1010, 3.4012, -17.6286

Sweetspot

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



17.4980, 11.5865, 17.1033



44.5970, 4.6357, 6.4924



9.6800, 15.4408, -5.8584



22.4180, 2.7519, 4.0184



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



17.4980, 11.5865, 17.1033



20.5080, 16.5116, 24.1105



16.9840, 4.4449, 21.0620



18.8260, 0.5788, 1.0296



32.0010, 25.6355, 37.7101



80.6790, 64.7413, 94.9975

Inverse Universe

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



14.8180, -3.8543, 22.9616



16.8300, -5.3392, 32.5981



27.0160, -4.4449, -21.0620



18.7120, 0.1420, 1.1296



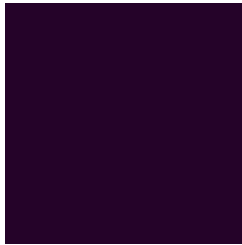
26.1420, -8.4510, 50.7415



65.8960, -21.6407, 128.1332

Previews

White Background



This preview shows how the YUV color 17.4980, 11.5865, 17.1033 looks on a white background.

Color Contrast Check

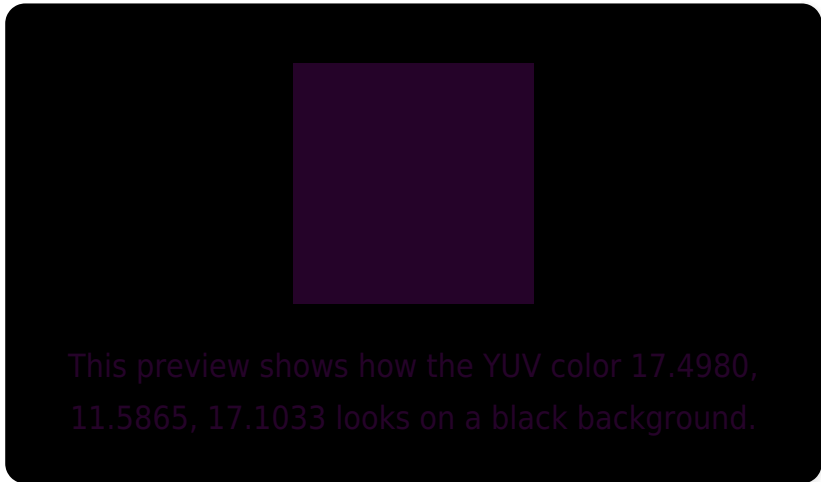
Large Text (above 18pt) WCAG AA ✓ Pass

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

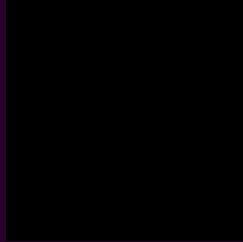
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 17.4980, 11.5865, 17.1033

Background



This preview shows how black text looks on a background with the YUV color 17.4980, 11.5865, 17.1033.



This preview shows how white text looks on a background with the YUV color 17.4980, 11.5865,

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

17.4980, 11.5865, 17.1033

Protanopia

17.4570, 13.5787, -15.3098

Deuteranopia

19.4530, 9.6367, -10.9213



Tritanopia

21.4960, -2.2165, 10.9660

Trichromacy



Original Color

17.4980, 11.5865, 17.1033

Protanomaly

17.1210, 13.2513, -3.6141

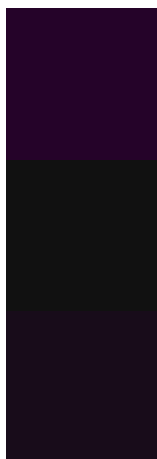
Deuteranomaly

18.7470, 10.4777, -0.6551

Tritanomaly

19.8860, 3.0142, 13.2550

Monochromacy



Original Color

17.4980, 11.5865, 17.1033

Achromatopsia

17.0000, 0.0000, 0.0000

Achromatomaly

17.1840, 4.3463, 5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 17.4980, 11.5865, 17.1033 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(37, 3, 41)` looks like.

```
.text, #text, p{  
    color:rgb(37, 3, 41)  
}
```

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(37, 3, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 3, 41) }
```

Border

The CSS property to change the border of an element to YUV 17.4980, 11.5865, 17.1033 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(37, 3, 41) }
```


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

```
.border{ border-color:rgb(37, 3, 41) }
```

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

Here you see how a box with a 4 pixel rgb(37, 3, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 3, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(37, 3, 41); box-shadow:4px  
4px 4px 4px rgb(37, 3, 41) }
```

Background

The CSS property to change the background color of an element to YUV 17.4980, 11.5865, 17.1033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 3, 41) }
```

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

```
.background{ background-color: rgb(37, 3,  
41) }
```

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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