

Converting Colors

YUV(17.7600, 7.5133, 16.8735)

Have a look what the booklet for
YUV(17.7600, 7.5133, 16.8735)
contains.

YUV(17.7600, 7.5133, 16.8735)	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(17.7600, 7.5133,
16.8735)**

Conversions

Conversions Part 1

Format	Color
Hex	250521
RGB	37, 5, 33
RGB Percent	15%, 2%, 13%
CMY	0.8549, 0.9804, 0.8706
CMYK	0.00, 0.86, 0.11, 0.85
HSL	308°, 76%, 8%
HSV	308°, 86%, 15%
XYZ	1.0917, 0.6117, 1.4994
YIQ	17.7600, 10.0840, 15.4920

Conversions

Conversions Part 2

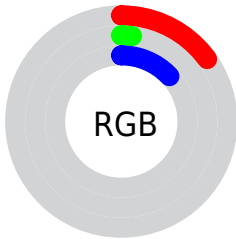
Format	Color
R_{YB}	37, 5, 33
Decimal	2426145
CIE _{Lab}	5.53, 20.03, -10.83
CIE _{LCh}	6, 22.771, 331.614
Yxy	0.6117, 0.3409, 0.1910
Android (android.graphics.Color)	4280616225 (0xFF250521)
YUV	17.7600, 7.5133, 16.8735
Hunter-Lab	7.8209, 11.2307, -5.8921

Details

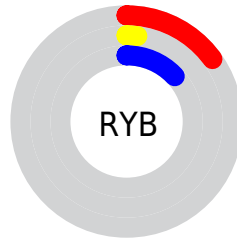
The YUV color **17.7600, 7.5133, 16.8735** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **24.2400, -7.5133, -16.8735**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.3580, 7.2185, 18.1030**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.4120, 8.6709, 18.9327**, and if you desaturate by 10%, it is **20.1080, 6.3558, 14.8143**.

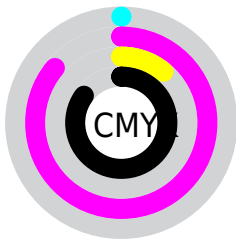
Distribution



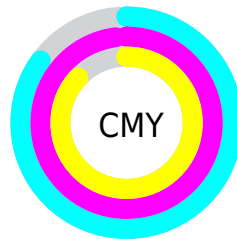
- Red (15%)
- Green (2%)
- Blue (13%)



- Red (15%)
- Yellow (2%)
- Blue (13%)



- Cyan (0%)
- Magenta (86%)
- Yellow (11%)
- Black (85%)



- Cyan (85%)
- Magenta (98%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 17.7600, 7.5133, 16.8735 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 17.7600, 7.5133, 16.8735 by changing the saturation by 10% instead.

■ 17.7600, 7.5133,
16.8735

■ 17.7600, 7.5133,
16.8735

■ 240.3250, 7.2348,
12.8700

■ 0.9120, 3.4944,
-0.7998

■ 62.3580, 7.2185,
18.1030

■ 0.0000, 0.0000,
0.0000

■ 85.7710, 7.5079,
18.6178

■ 110.4830, 7.6499,
19.7474

■ 135.8960, 7.9393,
20.2622

■ 162.3090, 8.2287,
20.7770


■ 189.6080, 8.0813,


21.3918


 218.0210, 8.3706,
21.9066


 17.7600, 7.5133,
16.8735


 17.7600, 7.5133,
16.8735


 15.4120, 8.6709,
18.9327


 20.1080, 6.3558,
14.8143

 14.7110, 8.5235,
19.5475

 21.9830, 5.9244,
13.1699

 24.3310, 4.7668,
11.1107

 26.7930, 4.0461,
8.9515

 29.1410, 2.8885,
6.8923

■ 31.0160, 2.4571,
5.2480

■ 33.3640, 1.2995,
3.1888

■ 35.8260, 0.5788,
1.0296

■ 37.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



18.3280, 12.6563, 0.5893



17.7600, 7.5133, 16.8735



15.7950, 1.0871, 24.7358

Triad

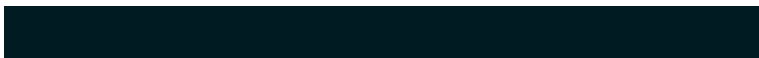
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



17.7600, 7.5133, 16.8735



17.7420, -8.7468, 5.4883



19.7250, 7.0376, -17.2988

Complementary

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



17.7600, 7.5133, 16.8735



24.2400, -7.5133, -16.8735

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.



18.6020, 0.1962, -16.3140



17.7600, 7.5133, 16.8735



13.5010, -6.6560, -11.8404

Square

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



17.7600, 7.5133, 16.8735



17.2210, -8.4900, 16.4692



15.2620, -7.5242, -13.3848



19.8050, 12.4211, -17.3690

Rectangle

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



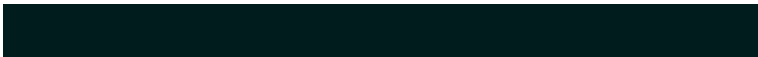
17.7600, 7.5133, 16.8735



14.7430, -6.7753, 26.5354



15.2620, -7.5242, -13.3848



19.7420, 4.5642, -17.3137

Sweetspot

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



17.7600, 7.5133, 16.8735



40.8420, 3.0359, 6.2776



9.8440, 13.3879, -0.7402



21.1900, 1.8783, 4.2184



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



17.7600, 7.5133, 16.8735



19.1400, 11.2700, 25.3102



15.9360, 0.5246, 18.4731



16.8260, 0.5788, 1.0296



32.6120, 18.9253, 43.3133



83.3530, 49.1260, 110.1924

Inverse Universe

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



17.7600, 7.5133, 16.8735



19.1400, 11.2700, 25.3102



26.0640, -0.5246, -18.4731



16.8260, 0.5788, 1.0296



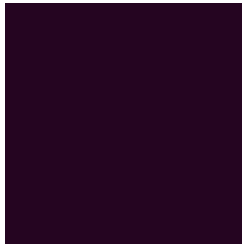
32.6120, 18.9253, 43.3133



83.3530, 49.1260, 110.1924

Previews

White Background



This preview shows how the YUV color 17.7600, 7.5133, 16.8735 looks on a white background.

Color Contrast Check

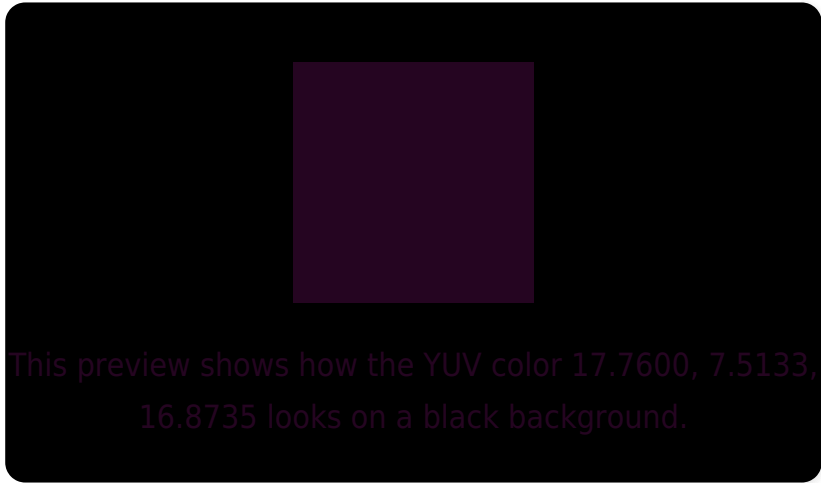
Large Text (above 18pt) WCAG AA ✓ Pass

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

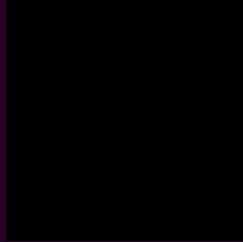
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 17.7600, 7.5133, 16.8735

Background



This preview shows how black text looks on a background with the YUV color 17.7600, 7.5133, 16.8735.



This preview shows how white text looks on a background with the YUV color 17.7600, 7.5133,

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

17.7600, 7.5133, 16.8735

Protanopia

16.6420, 12.9945, -14.5950

Deuteranopia

20.9440, 4.9576, -3.4589



Tritanopia

20.2790, -3.0955, 12.9103

Trichromacy



Original Color

17.7600, 7.5133, 16.8735

Protanomaly

17.1380, 10.7780, -3.6290

Deuteranomaly

19.6290, 6.0989, 3.8334

Tritanomaly

19.6150, 0.6828, 14.3696

Monochromacy



Original Color

17.7600, 7.5133, 16.8735

Achromatopsia

18.0000, 0.0000, 0.0000

Achromatomaly

17.7280, 2.5991, 6.3775

CSS Examples

Text

The CSS property to change the color of the text to YUV 17.7600, 7.5133, 16.8735 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, 5, 33)` looks like.

```
.text, #text, p{  
    color:rgb(37, 5, 33)  
}
```

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, 5, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 5, 33) }
```

Border

The CSS property to change the border of an element to YUV 17.7600, 7.5133, 16.8735 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, 5, 33) }
```


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

```
.border{ border-color:rgb(37, 5, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 5, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 5, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(37, 5, 33); box-shadow:4px  
4px 4px 4px rgb(37, 5, 33) }
```

Background

The CSS property to change the background color of an element to YUV 17.7600, 7.5133, 16.8735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 5, 33) }
```

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

```
.background{ background-color: rgb(37, 5,  
33) }
```

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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