

Converting Colors

YUV(10.8670, 11.8976, 10.6406)

Have a look what the booklet for
YUV(10.8670, 11.8976, 10.6406)
contains.

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Color

**YUV(10.8670, 11.8976,
10.6406)**

Conversions

Conversions Part 1

Format	Color
Hex	170023
RGB	23, 0, 35
RGB Percent	9%, 0%, 14%
CMY	0.9098, 1.0000, 0.8627
CMYK	0.34, 1.00, 0.00, 0.86
HSL	279°, 100%, 7%
HSV	279°, 100%, 14%
XYZ	0.6567, 0.3035, 1.6141
YIQ	10.8670, 2.4730, 15.7610

Conversions

Conversions Part 2

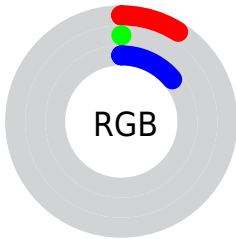
Format	Color
R_{YB}	23, 0, 35
Decimal	1507363
CIE Lab	2.74, 15.08, -16.82
CIE LCh	3, 22.592, 311.891
Yxy	0.3035, 0.2551, 0.1179
Android (android.graphics.Color)	4279697443 (0xFF170023)
YUV	10.8670, 11.8976, 10.6406
Hunter-Lab	5.5092, 11.6372, -13.5144

Details

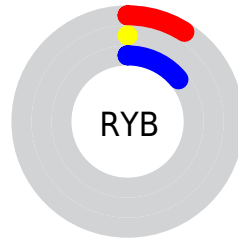
The YUV color **10.8670, 11.8976, 10.6406** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **24.1330, -11.8976, -10.6406**, and the grayscale version is **11.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **55.7310, 11.4716, 7.2519**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **10.8670, 11.8976, 10.6406**, and if you desaturate by 10%, it is **12.9270, 10.8820, 9.7110**.

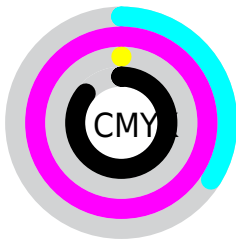
Distribution



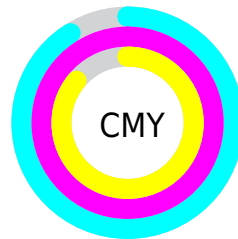
- Red (9%)
- Green (0%)
- Blue (14%)



- Red (9%)
- Yellow (0%)
- Blue (14%)



- Cyan (34%)
- Magenta (100%)
- Yellow (0%)
- Black (86%)



- Cyan (91%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 10.8670, 11.8976, 10.6406 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 10.8670, 11.8976, 10.6406 by changing the saturation by 10% instead.

■ 10.8670, 11.8976,
10.6406

■ 10.8670, 11.8976,
10.6406

■ 236.1830, 9.2768,
11.2405

■ 1.1400, 4.3680,
-0.9998

■ 55.7310, 11.4716,
7.2519

■ 0.0000, 0.0000,
0.0000

■ 79.2580, 12.1978,
7.6667


■ 103.0840, 12.7766,
8.6963


■ 128.1980, 13.2134,
8.5964


■ 154.6110, 13.5028,
9.1112

■ 181.0240, 13.7922,


9.6260


 209.1380, 14.2290,
9.5260


 10.8670, 11.8976,
10.6406

 12.9270, 10.8820,
9.7110

 15.5740, 9.5770,
8.2666

 18.5200, 8.1246,
7.4370

 20.5800, 7.1091,
6.5073

 23.2270, 5.8041,
5.0629

■ 25.2870, 4.7885,
4.1333

■ 27.9340, 3.4835,
2.6889

■ 30.2930, 2.3206,
2.3740

■ 32.9400, 1.0156,
0.9296

Harmonies

Analogous

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



10.0710, 15.7410, -8.8323



10.8670, 11.8976, 10.6406



13.3860, 4.7397, 19.8325

Triad

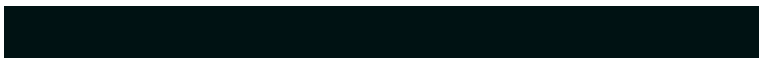
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10.8670, 11.8976, 10.6406



10.1220, -4.9901, 13.9250



12.7320, 3.0901, -11.1660

Complementary

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



10.8670, 11.8976, 10.6406



24.1330, -11.8976, -10.6406

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.



9.9790, -4.9196, -8.7516



10.8670, 11.8976, 10.6406



8.5280, -4.2043, -4.8481

Square

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



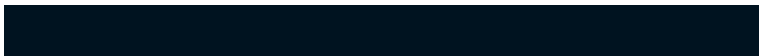
10.8670, 11.8976, 10.6406



10.7640, -5.3067, 22.1320



9.9790, -4.9196, -8.7516



14.8010, 8.4791, -12.9805

Rectangle

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



10.8670, 11.8976, 10.6406



12.9860, -1.9651, 23.6913



9.9790, -4.9196, -8.7516



11.8200, -0.4043, -10.3661

Sweetspot

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



10.8670, 11.8976, 10.6406



36.2870, 4.7885, 4.1333



11.0340, 11.8152, -9.6768



17.4070, 2.7573, 2.2741



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



10.8670, 11.8976, 10.6406



14.2140, 15.6705, 13.8443



13.8850, 7.9447, 18.5179



16.5270, 0.7262, 0.4148



25.4940, 27.8575, 24.9998



64.7890, 71.0960, 63.3290

Inverse Universe

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



11.8330, 0.0823, 20.3175



15.5780, 0.2080, 26.6801



21.1150, -7.9447, -18.5179



16.7120, 0.1420, 1.1296



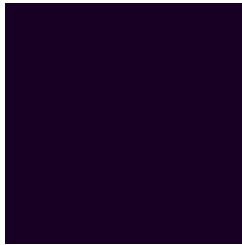
27.7100, 0.1430, 47.6123



70.6990, 0.6414, 121.2900

Previews

White Background



This preview shows how the YUV color 10.8670, 11.8976, 10.6406 looks on a white background.

Color Contrast Check

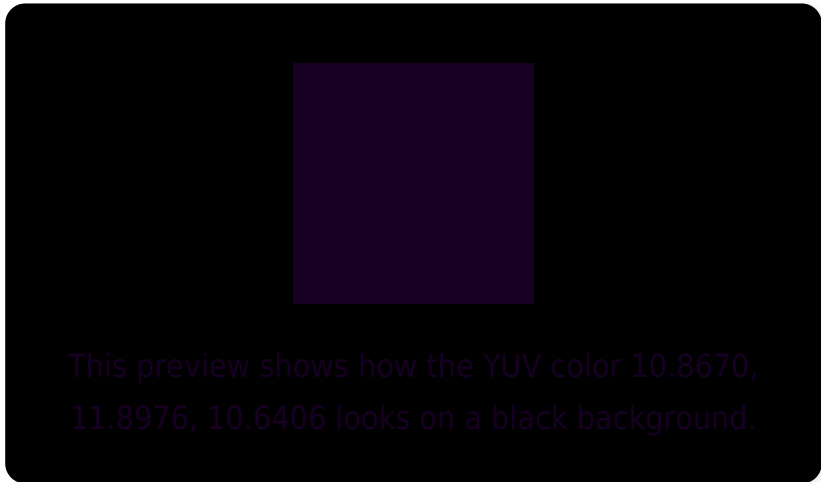
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.8670, 11.8976, 10.6406

Background



This preview shows how black text looks on a background with the YUV color 10.8670, 11.8976, 10.6406.



This preview shows how white text looks on a background with the YUV color 10.8670, 11.8976,

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



Protanopia

12.3390, 9.1999, -10.8213

Deuteranopia

12.4700, 7.1633, -10.9362

Tritanopia

15.6090, -0.3002, 2.9739

Trichromacy



Protanomaly

11.9100, 9.9044, -3.4291

Deuteranomaly

11.6820, 9.0308, -3.2291

Tritanomaly

13.7710, 4.0569, 5.4628

Monochromacy



Achromatopsia

11.0000, 0.0000, 0.0000

Achromatomaly

10.8740, 4.4991, 3.6185

CSS Examples

Text

The CSS property to change the color of the text to YUV 10.8670, 11.8976, 10.6406 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(23, 0, 35)` looks like.

```
.text, #text, p{  
    color:rgb(23, 0, 35)  
}
```

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(23, 0, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 0, 35) }
```

Border

The CSS property to change the border of an element to YUV 10.8670, 11.8976, 10.6406 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(23, 0, 35) }
```

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

```
.border{ border-color:rgb(23, 0, 35) }
```

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

Here you see how a box with a 4 pixel rgb(23, 0, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 0, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(23, 0, 35); box-shadow:4px  
4px 4px 4px rgb(23, 0, 35) }
```


Background

The CSS property to change the background color of an element to YUV 10.8670, 11.8976, 10.6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 0, 35) }
```

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

```
.background{ background-color: rgb(23, 0,  
35) }
```

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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