

Converting Colors

YUV(26.3180, 18.0842, 33.0471)

Have a look what the booklet for
YUV(26.3180, 18.0842, 33.0471)
contains.

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Color

**YUV(26.3180, 18.0842,
33.0471)**

Conversions

Conversions Part 1

Format	Color
Hex	40003F
RGB	64, 0, 63
RGB Percent	25%, 0%, 25%
CMY	0.7490, 1.0000, 0.7529
CMYK	0.00, 1.00, 0.02, 0.75
HSL	301°, 100%, 13%
HSV	301°, 100%, 25%
XYZ	3.0116, 1.4489, 4.8236
YIQ	26.3180, 17.9210, 33.1610

Conversions

Conversions Part 2

Format	Color
RYB	64, 0, 63
Decimal	4194367
CIELab	12.28, 36.32, -22.01
CIElCh	12, 42.472, 328.787
Yxy	1.4489, 0.3244, 0.1561
Android (android.graphics.Color)	4282384447 (0xFF40003F)
YUV	26.3180, 18.0842, 33.0471
Hunter-Lab	12.0369, 23.5950, -15.3335

Details

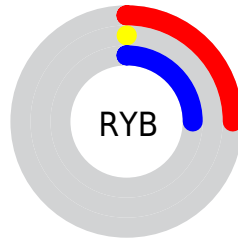
The YUV color **26.3180, 18.0842, 33.0471** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **37.6820, -18.0842, -33.0471**, and the grayscale version is **26.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.5630, 16.4844, 32.8322**, and **2.1660, 8.2992, -1.8996** is the 20% darker color. If you saturate the color by 10%, you get **26.3180, 18.0842, 33.0471**, and if you desaturate by 10%, it is **29.8400, 16.3479, 29.9583**.

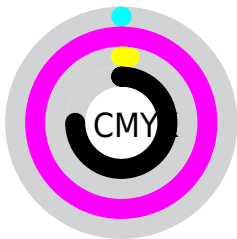
Distribution



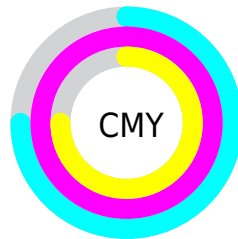
- Red (25%)
- Green (0%)
- Blue (25%)



- Red (25%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (75%)



- Cyan (75%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.3180, 18.0842, 33.0471 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 26.3180, 18.0842, 33.0471 by changing the saturation by 10% instead.

■ 26.3180, 18.0842,
33.0471

■ 26.3180, 18.0842,
33.0471

■ 245.0210, 4.9196,
8.7516

■ 17.2320, 11.7176,
21.7215

■ 77.5630, 16.4844,
32.8322

■ 2.1660, 8.2992,
-1.8996

■ 102.3890, 17.0632,
33.8618

■ 0.0000, 0.0000,
0.0000

■ 128.6880, 16.9158,
34.4766

■ 154.8130, 17.3472,
36.1210

■ 182.2260, 17.6366,
36.6358

■ 210.0520, 18.2154,

37.6654

■ 227.9980, 13.3120,
23.6808

■ 26.3180, 18.0842,
33.0471

■ 29.8400, 16.3479,
29.9583

■ 33.9490, 14.3221,
26.3547

■ 37.4710, 12.5858,
23.2659

■ 41.5800, 10.5601,
19.6623

■ 45.2160, 9.2605,
16.4736

■ 48.7380, 7.5242,
13.3848

■ 52.8470, 5.4984,
9.7812

■ 56.3690, 3.7621,
6.6924

■ 60.4780, 1.7363,
3.0888

Harmonies

Analogous

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



29.3340, 26.9503, -10.8169



26.3180, 18.0842, 33.0471



27.6110, 3.6428, 45.0682

Triad

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



26.3180, 18.0842, 33.0471



30.7550, -15.1622, 9.8619



32.6680, 13.4747, -28.6498

Complementary

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



26.3180, 18.0842, 33.0471



37.6820, -18.0842, -33.0471

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.



29.2480, 0.3707, -25.6505



26.3180, 18.0842, 33.0471



25.5950, -12.6183, -12.7998

Square

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



26.3180, 18.0842, 33.0471



28.5280, -14.0643, 31.1089



24.6540, -12.1544, -21.6216



34.1160, 24.0998, -29.9197

Rectangle

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



26.3180, 18.0842, 33.0471



25.5160, -5.6774, 47.7825



24.6540, -12.1544, -21.6216



31.5280, 9.1067, -27.6501

Sweetspot

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



26.3180, 18.0842, 33.0471



69.3250, 7.2348, 12.8700



7.2960, 27.9551, -6.3986



34.1950, 4.3409, 7.7220



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



26.3180, 18.0842, 33.0471



34.5780, 23.8720, 43.3431



22.7840, 4.5435, 36.1464



31.2390, 0.8682, 1.5444



39.8330, 27.1973, 50.1355



92.1700, 63.5132, 115.6149

Inverse Universe

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



26.3180, 18.0842, 33.0471



34.5780, 23.8720, 43.3431



41.2160, -4.5435, -36.1464



31.2390, 0.8682, 1.5444



39.8330, 27.1973, 50.1355



92.1700, 63.5132, 115.6149

Previews

White Background



This preview shows how the YUV color 26.3180, 18.0842, 33.0471 looks on a white background.

Color Contrast Check

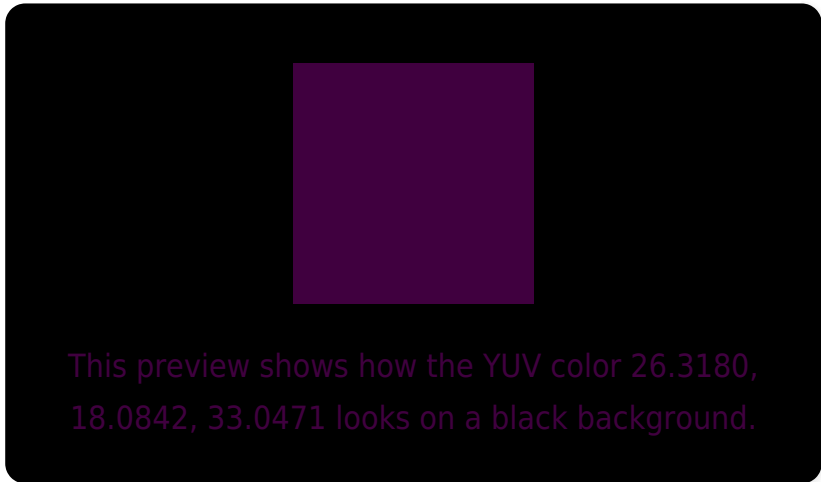
Large Text (above 18pt) WCAG AA ✓ Pass

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

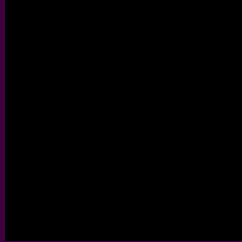
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.3180, 18.0842, 33.0471

Background



This preview shows how black text looks on a background with the YUV color 26.3180, 18.0842, 33.0471.



This preview shows how white text looks on a background with the YUV color 26.3180, 18.0842,

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

29.0950, 22.6312, -25.5163

Deuteranopia

35.3220, 11.6733, -10.8064

Tritanopia

35.5790, -4.7224, 21.4172

Trichromacy



Protanomaly

27.8850, 21.2557, -4.2841

Deuteranomaly

32.2900, 13.6610, 5.0077

Tritanomaly

32.0770, 3.4130, 25.3655

Monochromacy



Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

26.3850, 6.2192, 11.9404

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.3180, 18.0842, 33.0471 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(64, 0, 63)` looks like.

```
.text, #text, p{  
  color:rgb(64, 0, 63)  
}
```

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(64, 0, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 0, 63) }
```

Border

The CSS property to change the border of an element to YUV 26.3180, 18.0842, 33.0471 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(64, 0, 63) }
```

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

```
.border{ border-color:rgb(64, 0, 63) }
```

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

Here you see how a box with a 4 pixel rgb(64, 0, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 0, 63); -webkit-box-shadow:4px  
4px 4px 4px rgb(64, 0, 63); box-shadow:4px  
4px 4px 4px rgb(64, 0, 63) }
```


Background

The CSS property to change the background color of an element to YUV 26.3180, 18.0842, 33.0471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 0, 63) }
```

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

```
.background{ background-color: rgb(64, 0,  
63) }
```

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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