

Converting Colors

YUV(31.3340, 3.2863, -27.4799)

Have a look what the booklet for
YUV(31.3340, 3.2863, -27.4799)
contains.

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Color

**YUV(31.3340, 3.2863,
-27.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	002E26
RGB	0, 46, 38
RGB Percent	0%, 18%, 15%
CMY	1.0000, 0.8196, 0.8510
CMYK	1.00, 0.00, 0.17, 0.82
HSL	170°, 100%, 9%
HSV	170°, 100%, 18%
XYZ	1.3268, 2.0939, 2.1680
YIQ	31.3340, -24.8480, -12.2400

Conversions

Conversions Part 2

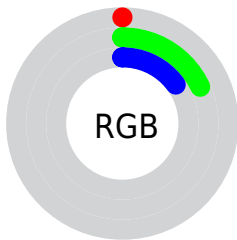
Format	Color
RYB	0, 25, 46
Decimal	11814
CIELab	15.97, -17.42, 0.92
CIElCh	16, 17.445, 176.985
Yxy	2.0939, 0.2374, 0.3747
Android (android.graphics.Color)	4278201894 (0xFF002E26)
YUV	31.3340, 3.2863, -27.4799
Hunter-Lab	14.4704, -8.9559, 1.2465

Details

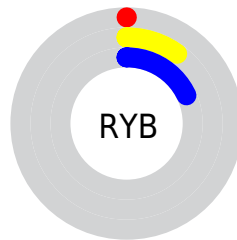
The YUV color **31.3340, 3.2863, -27.4799** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.6660, -3.2863, 27.4799**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **78.4160, 2.2599, -24.9208**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.3340, 3.2863, -27.4799**, and if you desaturate by 10%, it is **32.9430, 2.9861, -24.5060**.

Distribution



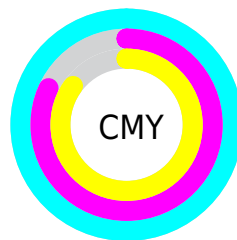
- Red (0%)
- Green (18%)
- Blue (15%)



- Red (0%)
- Yellow (10%)
- Blue (18%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (82%)



- Cyan (100%)
- Magenta (82%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.3340, 3.2863, -27.4799 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 31.3340, 3.2863, -27.4799 by changing the saturation by 10% instead.

■ 31.3340, 3.2863,
-27.4799

■ 31.3340, 3.2863,
-27.4799

■ 248.7210, 3.0955,
-12.9103

■ 17.7870, -0.3880,
-15.5992

■ 78.4160, 2.2599,
-24.9208

■ 0.0000, 0.0000,
0.0000

■ 103.0030, 1.9705,
-25.4356

■ 128.5900, 1.6811,
-25.9504

■ 154.5900, 1.6811,
-25.9504

■ 181.8780, 1.5391,
-27.0800

■ 209.5790, 1.6866,

-27.6948

■ 237.5790, 1.6866,
-27.6948

■ 31.3340, 3.2863,
-27.4799

■ 32.9430, 2.9861,
-24.5060

■ 34.2530, 2.8333,
-22.1469

■ 35.7480, 2.0962,
-19.0730

■ 37.0580, 1.9434,
-16.7139

■ 38.6670, 1.6432,
-13.7400

■ 40.2760, 1.3429,
-10.7661

■ 41.5860, 1.1901,
-8.4069

■ 43.0810, 0.4531,
-5.3330

■ 44.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



35.6580, -4.7614, -12.8551



31.3340, 3.2863, -27.4799



32.8160, 8.9647, -28.7796

Triad

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



31.3340, 3.2863, -27.4799



40.4480, 10.6251, -1.2699



39.4660, -10.0897, 16.2543

Complementary

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



31.3340, 3.2863, -27.4799



14.6660, -3.2863, 27.4799

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.



39.7530, -5.3012, 20.3876



31.3340, 3.2863, -27.4799



40.9720, 5.9298, 11.4256

Square

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



31.3340, 3.2863, -27.4799



36.1470, 13.7315, -17.6689



40.8220, 0.0878, 18.5731



38.8410, -12.2466, 8.0324

Rectangle

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



31.3340, 3.2863, -27.4799



32.9130, 11.8749, -28.8647



40.8220, 0.0878, 18.5731



39.8190, -8.7848, 17.6987

Sweetspot

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



31.3340, 3.2863, -27.4799



53.2760, 1.3429, -10.7661



29.3940, -14.4912, -18.7625



27.4830, 0.7479, -6.5626



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

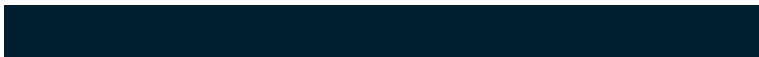
The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.3340, 3.2863, -27.4799



40.1050, 3.8922, -35.1721



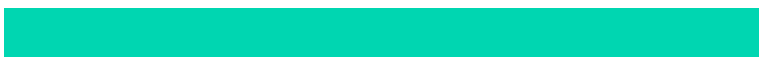
23.4410, 11.1216, -20.5578



22.4020, 0.2948, -1.2296



59.2770, 6.2724, -51.9859



145.7960, 15.3836, -127.8631

Inverse Universe

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



14.6660, -3.2863, 27.4799



18.7810, -4.3290, 35.2721



22.5590, -11.1216, 20.5578



21.5980, -0.2948, 1.2296



27.7230, -6.2724, 51.9859



68.2040, -15.3836, 127.8631

Previews

White Background



This preview shows how the YUV color 31.3340, 3.2863, -27.4799 looks on a white background.

Color Contrast Check

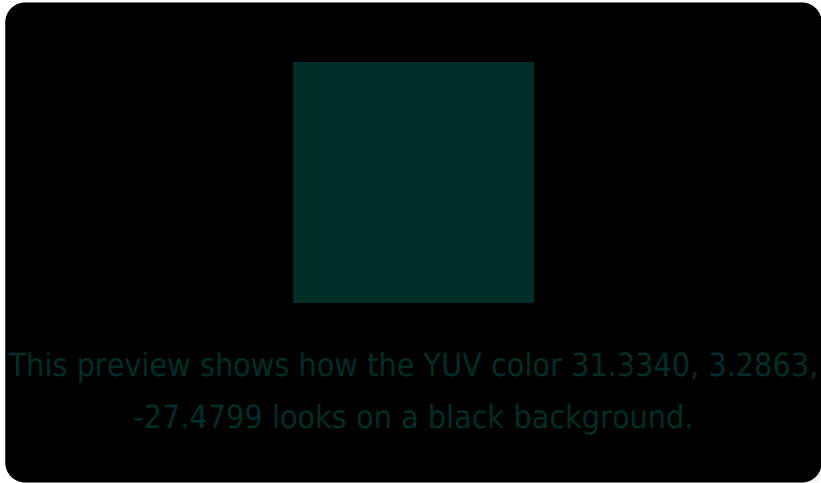
Large Text (above 18pt) WCAG AA ✓ Pass

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

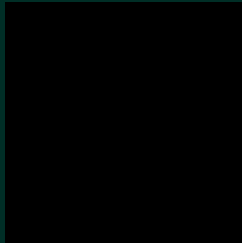
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.3340, 3.2863, -27.4799

Background



This preview shows how black text looks on a background with the YUV color 31.3340, 3.2863, -27.4799.



This preview shows how white text looks on a background with the YUV color 31.3340, 3.2863, -27.4799.

-27.4799.

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

31.3340, 3.2863, -27.4799

Protanopia

40.0280, -2.4788, 1.7294

Deuteranopia

40.9080, -0.4476, 3.5887



Tritanopia

35.7740, 6.0274, -19.9728

Trichromacy



Original Color

31.3340, 3.2863, -27.4799

Protanomaly

36.8310, -0.4097, -8.6218

Deuteranomaly

37.7710, 0.6059, -7.6922

Tritanomaly

33.8230, 5.0173, -22.6468

Monochromacy



Original Color

31.3340, 3.2863, -27.4799

Achromatopsia

31.0000, 0.0000, 0.0000

Achromatomaly

30.9880, 1.4849, -9.6365

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.3340, 3.2863, -27.4799 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(0, 46, 38)` looks like.

```
.text, #text, p{  
    color:rgb(0, 46, 38)  
}
```

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(0, 46, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 46, 38) }
```

Border

The CSS property to change the border of an element to YUV 31.3340, 3.2863, -27.4799 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(0, 46, 38) }
```


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

```
.border{ border-color:rgb(0, 46, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 46, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 46, 38); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 46, 38); box-shadow:4px  
4px 4px 4px rgb(0, 46, 38) }
```

Background

The CSS property to change the background color of an element to YUV 31.3340, 3.2863, -27.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 46, 38) }
```

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

```
.background{ background-color: rgb(0, 46,  
38) }
```

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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