

Converting Colors

YUV(28.8300, 1.0698, -16.5139)

Have a look what the booklet for
YUV(28.8300, 1.0698, -16.5139)
contains.

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Color

**YUV(28.8300, 1.0698,
-16.5139)**

Conversions

Conversions Part 1

Format	Color
Hex	0A261F
RGB	10, 38, 31
RGB Percent	4%, 15%, 12%
CMY	0.9608, 0.8510, 0.8784
CMYK	0.74, 0.00, 0.18, 0.85
HSL	165°, 58%, 9%
HSV	165°, 74%, 15%
XYZ	1.0656, 1.5497, 1.5393
YIQ	28.8300, -14.4410, -8.1130

Conversions

Conversions Part 2

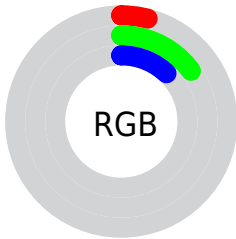
Format	Color
RYB	10, 26, 38
Decimal	665119
CIELab	12.92, -12.75, 1.50
CIElCh	13, 12.839, 173.275
Yxy	1.5497, 0.2565, 0.3730
Android (android.graphics.Color)	4278855199 (0xFF0A261F)
YUV	28.8300, 1.0698, -16.5139
Hunter-Lab	12.4486, -6.5054, 1.3828

Details

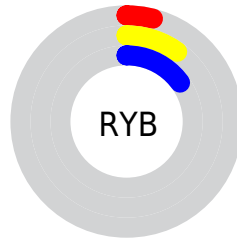
The YUV color **28.8300, 1.0698, -16.5139** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19.1700, -1.0698, 16.5139**, and the grayscale version is **29.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **73.7160, 0.6330, -16.4139**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.5200, 1.2226, -18.8730**, and if you desaturate by 10%, it is **30.1400, 0.9170, -14.1548**.

Distribution



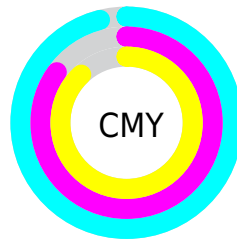
- Red (4%)
- Green (15%)
- Blue (12%)



- Red (4%)
- Yellow (10%)
- Blue (15%)



- Cyan (74%)
- Magenta (0%)
- Yellow (18%)
- Black (85%)



- Cyan (96%)
- Magenta (85%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 28.8300, 1.0698, -16.5139 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 28.8300, 1.0698, -16.5139 by changing the saturation by 10% instead.

■ 28.8300, 1.0698,
-16.5139

■ 28.8300, 1.0698,
-16.5139

■ 249.6180, 2.6533,
-11.0660

■ 11.2500, -2.5882,
-9.8662

■ 73.7160, 0.6330,
-16.4139

■ 0.0000, 0.0000,
0.0000

■ 97.3030, 0.3436,
-16.9287

■ 122.8900, 0.0542,
-17.4435

■ 148.5910, 0.2016,
-18.0583

■ 175.2920, 0.3490,
-18.6731

■ 202.8790, 0.0597,

-19.1879

■ 230.8790, 0.0597,
-19.1879

■ 28.8300, 1.0698,
-16.5139

■ 28.8300, 1.0698,
-16.5139

■ 27.5200, 1.2226,
-18.8730

■ 30.1400, 0.9170,
-14.1548

■ 26.2100, 1.3755,
-21.2322

■ 31.4500, 0.7642,
-11.7956

■ 25.4980, 1.2335,
-22.3617

■ 32.4610, 0.7587,
-10.0513

■ 33.7710, 0.6059,
-7.6922

■ 35.0810, 0.4531,
-5.3330

■ 36.3910, 0.3002,
-2.9739

■ 37.7010, 0.1474,
-0.6148

■ 38.7120, 0.1420,
1.1296

■ 40.0220, -0.0108,
3.4887

Harmonies

Analogous

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



30.8050, -4.3409, -7.7220



28.8300, 1.0698, -16.5139



27.1650, 6.3277, -22.9467

Triad

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



28.8300, 1.0698, -16.5139



34.0520, 7.8624, -1.7996



33.5410, -7.1687, 12.6805

Complementary

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



28.8300, 1.0698, -16.5139



19.1700, -1.0698, 16.5139

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.



34.1760, -3.5378, 14.7546



28.8300, 1.0698, -16.5139



34.8960, 4.4883, 7.1072

Square

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



28.8300, 1.0698, -16.5139



31.4420, 9.6421, -12.6656



34.6040, 0.6882, 12.6253



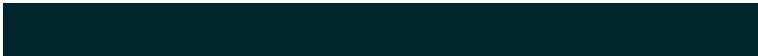
32.7530, -8.7522, 7.2326

Rectangle

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



28.8300, 1.0698, -16.5139



27.1480, 8.8010, -22.9318



34.6040, 0.6882, 12.6253



33.5950, -5.7163, 13.5102

Sweetspot

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



28.8300, 1.0698, -16.5139



44.7820, 0.6005, -5.9478



28.5290, -9.1348, -10.1109



23.6790, 0.1583, -4.1035



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.



28.8300, 1.0698, -16.5139



34.3020, 1.8231, -24.8209



25.5190, 6.1531, -13.6102



17.2880, -0.1420, -1.1296



55.0880, 2.9146, -48.3122



140.5810, 8.0946, -123.2895

Inverse Universe

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



19.1700, -1.0698, 16.5139



19.6980, -1.8231, 24.8209



22.4810, -6.1531, 13.6102



16.7120, 0.1420, 1.1296



26.7980, -3.3514, 48.4122



68.4190, -8.0946, 123.2895

Previews

White Background



This preview shows how the YUV color 28.8300, 1.0698, -16.5139 looks on a white background.

Color Contrast Check

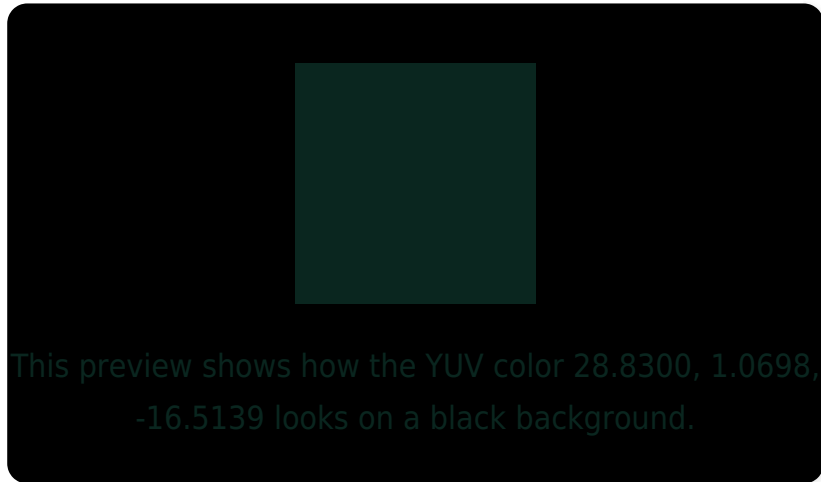
Large Text (above 18pt) WCAG AA ✓ Pass

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

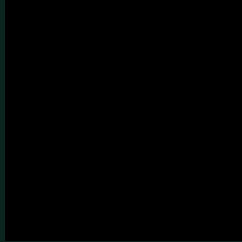
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

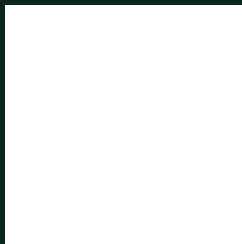
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 28.8300, 1.0698, -16.5139

Background



This preview shows how black text looks on a background with the YUV color 28.8300, 1.0698, -16.5139.



This preview shows how white text looks on a background with the YUV color 28.8300, 1.0698, -16.5139.

-16.5139.

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

28.8300, 1.0698, -16.5139

Protanopia

33.7290, -2.3314, 1.1147

Deuteranopia

33.4950, -0.7370, 3.0739



Tritanopia

30.7640, 4.5533, -13.8250

Trichromacy



Original Color

28.8300, 1.0698, -16.5139

Protanomaly

31.7390, -0.8573, -5.0331

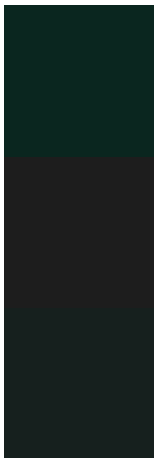
Deuteranomaly

31.6790, 0.1583, -4.1035

Tritanomaly

29.8240, 3.5378, -14.7546

Monochromacy



Original Color

28.8300, 1.0698, -16.5139

Achromatopsia

29.0000, 0.0000, 0.0000

Achromatomaly

28.7820, 0.6005, -5.9478

CSS Examples

Text

The CSS property to change the color of the text to YUV 28.8300, 1.0698, -16.5139 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(10, 38, 31)` looks like.

```
.text, #text, p{  
    color:rgb(10, 38, 31)  
}
```

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(10, 38, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 38, 31) }
```

Border

The CSS property to change the border of an element to YUV 28.8300, 1.0698, -16.5139 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(10, 38, 31) }
```


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

```
.border{ border-color:rgb(10, 38, 31) }
```

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

Here you see how a box with a 4 pixel rgb(10, 38, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 38, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 38, 31);  
box-shadow:4px 4px 4px 4px rgb(10, 38, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 28.8300, 1.0698, -16.5139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 38, 31) }
```

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

```
.background{ background-color: rgb(10, 38,  
31) }
```

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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