

Converting Colors

YUV(40.0300, 4.4222, -18.4433)

Have a look what the booklet for
YUV(40.0300, 4.4222, -18.4433)
contains.

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Color

**YUV(40.0300, 4.4222,
-18.4433)**

Conversions

Conversions Part 1

Format	Color
Hex	133131
RGB	19, 49, 49
RGB Percent	7%, 19%, 19%
CMY	0.9255, 0.8078, 0.8078
CMYK	0.61, 0.00, 0.00, 0.81
HSL	180°, 44%, 13%
HSV	180°, 61%, 19%
XYZ	1.9212, 2.5568, 3.2980
YIQ	40.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

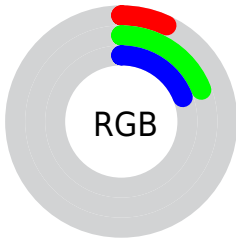
Format	Color
R_YB	19, 34, 49
Decimal	1257777
CIE Lab	18.17, -11.10, -3.42
CIE LCh	18, 11.614, 197.145
Yxy	2.5568, 0.2471, 0.3288
Android (android.graphics.Color)	4279447857 (0xFF133131)
YUV	40.0300, 4.4222, -18.4433
Hunter-Lab	15.9901, -6.5354, -1.0356

Details

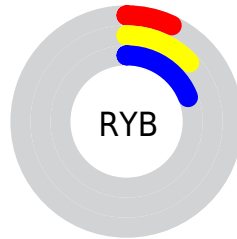
The YUV color **40.0300, 4.4222, -18.4433** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **27.9700, -4.4222, 18.4433**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.0300, 4.4222, -18.4433**, and **0.1140, 0.4368, -0.1000** is the 20% darker color. If you saturate the color by 10%, you get **38.5350, 5.1592, -21.5172**, and if you desaturate by 10%, it is **41.5250, 3.6852, -15.3694**.

Distribution



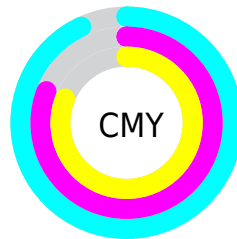
- Red (7%)
- Green (19%)
- Blue (19%)



- Red (7%)
- Yellow (13%)
- Blue (19%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (81%)



- Cyan (93%)
- Magenta (81%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.0300, 4.4222, -18.4433 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 40.0300, 4.4222, -18.4433 by changing the saturation by 10% instead.

■ 40.0300, 4.4222,
-18.4433

■ 40.0300, 4.4222,
-18.4433

■ 253.8040, 0.5896,
-2.4591

■ 19.6280, 4.1274,
-17.2138

■ 86.0300, 4.4222,
-18.4433

■ 0.1140, 0.4368,
-0.1000

■ 110.7310, 4.5696,
-19.0581

■ 0.0000, 0.0000,
0.0000

■ 136.3180, 4.2802,
-19.5729

■ 162.4320, 4.7170,
-19.6729

■ 190.0190, 4.4276,
-20.1877

■ 217.7200, 4.5750,

-20.8024

■ 245.1330, 4.8644,
-20.2876

■ 40.0300, 4.4222,
-18.4433

■ 40.0300, 4.4222,
-18.4433

■ 38.5350, 5.1592,
-21.5172

■ 41.5250, 3.6852,
-15.3694

■ 37.0400, 5.8963,
-24.5911

■ 43.0200, 2.9481,
-12.2955

■ 35.5450, 6.6333,
-27.6650

■ 44.5150, 2.2111,
-9.2217

■ 34.3490, 7.2229,
-30.1241

■ 46.0100, 1.4741,
-6.1478

■ 47.5050, 0.7370,
-3.0739

■ 48.7010, 0.1474,
-0.6148

■ 50.1960, -0.5896,
2.4591

■ 51.6910, -1.3267,
5.5330

■ 53.1860, -2.0637,
8.6069

Harmonies

Analogous

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



41.0970, -0.5408, -13.2401



40.0300, 4.4222, -18.4433



40.2410, 7.7692, -18.6284

Triad

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



40.0300, 4.4222, -18.4433



45.7000, 5.0779, 4.6481



44.5790, -8.1734, 8.2622

Complementary

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



40.0300, 4.4222, -18.4433



27.9700, -4.4222, 18.4433

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.



44.7690, -6.2951, 12.4806



40.0300, 4.4222, -18.4433



46.0060, 0.9830, 11.3957

Square

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



40.0300, 4.4222, -18.4433



44.9270, 7.4310, -3.4440



45.1050, -2.5168, 13.9399



43.0620, -7.4256, 1.6996

Rectangle

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



40.0300, 4.4222, -18.4433



41.9040, 8.9213, -14.8248



45.1050, -2.5168, 13.9399



44.7040, -7.7421, 9.9066

Sweetspot

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



40.0300, 4.4222, -18.4433



60.4120, 1.7689, -7.3773



36.6100, -8.6817, -15.4440



30.9070, 1.0318, -4.3034



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



40.0300, 4.4222, -18.4433



49.9470, 6.9281, -28.8945



31.2250, 8.7631, -10.7213



25.1030, 0.4422, -1.8443



62.3890, 13.1192, -54.7152



152.1170, 31.9873, -133.4066

Inverse Universe

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



31.3900, 8.6817, 15.4440



36.4110, 13.6014, 24.1956



36.7750, -8.7631, 10.7213



24.2390, 0.8682, 1.5444



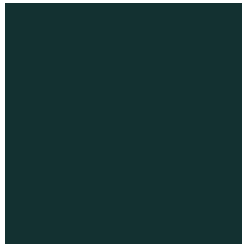
36.7570, 25.7558, 45.8171



89.6210, 62.7978, 111.7114

Previews

White Background



This preview shows how the YUV color 40.0300, 4.4222, -18.4433 looks on a white background.

Color Contrast Check

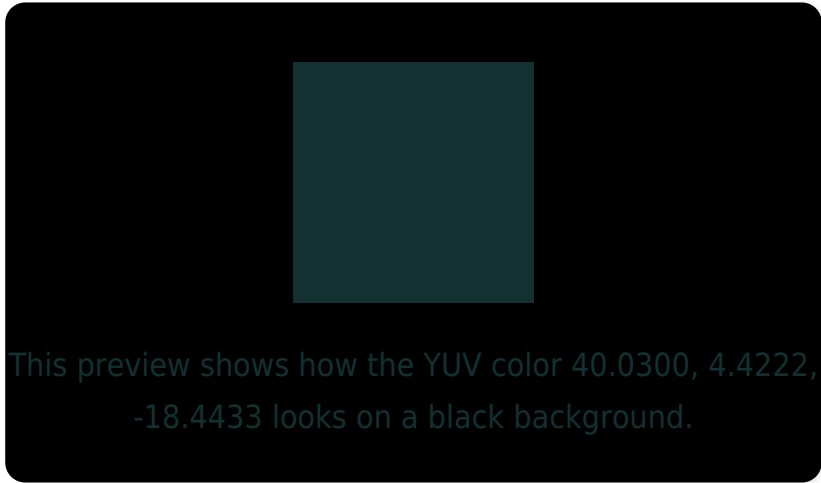
Large Text (above 18pt) WCAG AA ✓ Pass

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

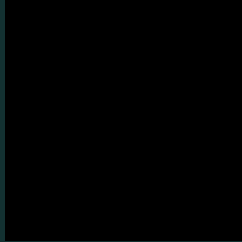
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

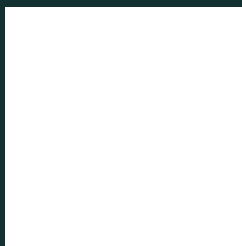
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 40.0300, 4.4222, -18.4433

Background



This preview shows how black text looks on a background with the YUV color 40.0300, 4.4222, -18.4433.



This preview shows how white text looks on a background with the YUV color 40.0300, 4.4222, -18.4433.

-18.4433.

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

40.0300, 4.4222, -18.4433

Protanopia

44.5270, 0.7262, 0.4148

Deuteranopia

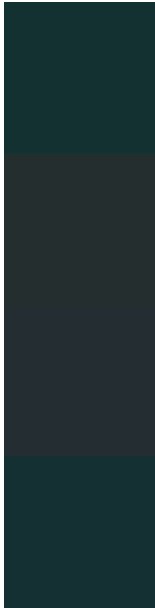
44.6950, 2.6154, 1.1445



Tritanopia

40.3830, 5.7272, -16.9989

Trichromacy



Original Color

40.0300, 4.4222, -18.4433

Protanomaly

43.1240, 1.9109, -6.2477

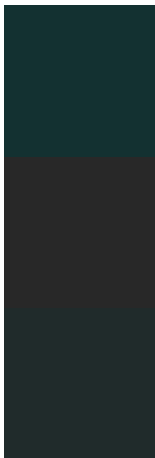
Deuteranomaly

42.8790, 3.5107, -6.0329

Tritanomaly

39.9700, 5.4378, -17.5137

Monochromacy



Original Color

40.0300, 4.4222, -18.4433

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.7110, 1.6215, -6.7625

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.0300, 4.4222, -18.4433 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(19, 49, 49)` looks like.

```
.text, #text, p{  
    color:rgb(19, 49, 49)  
}
```

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(19, 49, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 49, 49) }
```

Border

The CSS property to change the border of an element to YUV 40.0300, 4.4222, -18.4433 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(19, 49, 49) }
```


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

```
.border{ border-color:rgb(19, 49, 49) }
```

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

Here you see how a box with a 4 pixel rgb(19, 49, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 49, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 49, 49);  
box-shadow:4px 4px 4px 4px rgb(19, 49, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.0300, 4.4222, -18.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 49, 49) }
```

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

```
.background{ background-color: rgb(19, 49,  
49) }
```

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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