

Converting Colors

YUV(18.7160, 0.6330, -16.4139)

Have a look what the booklet for
YUV(18.7160, 0.6330, -16.4139)
contains.

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Color

**YUV(18.7160, 0.6330,
-16.4139)**

Conversions

Conversions Part 1

Format	Color
Hex	001C14
RGB	0, 28, 20
RGB Percent	0%, 11%, 8%
CMY	1.0000, 0.8902, 0.9216
CMYK	1.00, 0.00, 0.29, 0.89
HSL	163°, 100%, 5%
HSV	163°, 100%, 11%
XYZ	0.5415, 0.8810, 0.8033
YIQ	18.7160, -14.1200, -8.4240

Conversions

Conversions Part 2

Format	Color
RYB	0, 16, 28
Decimal	7188
CIELab	7.96, -12.12, 2.23
CIELCh	8, 12.323, 169.572
Yxy	0.8810, 0.2433, 0.3958
Android (android.graphics.Color)	4278197268 (0xFF001C14)
YUV	18.7160, 0.6330, -16.4139
Hunter-Lab	9.3862, -6.1277, 1.4960

Details

The YUV color **18.7160, 0.6330, -16.4139** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.2840, -0.6330, 16.4139**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.4990, -0.2460, -14.4696**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **18.7160, 0.6330, -16.4139**, and if you desaturate by 10%, it is **19.7270, 0.6276, -14.6696**.

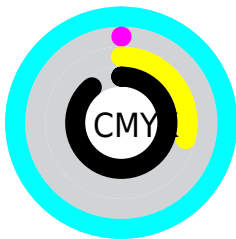
Distribution



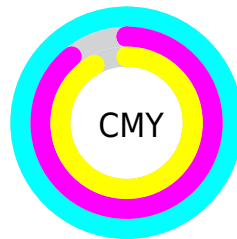
- Red (0%)
- Green (11%)
- Blue (8%)



- Red (0%)
- Yellow (6%)
- Blue (11%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (89%)



- Cyan (100%)
- Magenta (89%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.7160, 0.6330, -16.4139 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 18.7160, 0.6330, -16.4139 by changing the saturation by 10% instead.

■ 18.7160, 0.6330,
-16.4139

■ 18.7160, 0.6330,
-16.4139

■ 244.7760, -0.3826,
-17.3436

■ 0.0000, 0.0000,
0.0000

■ 62.4990, -0.2460,
-14.4696

■ 85.7870, -0.3880,
-15.5992

■ 110.4880, -0.2406,
-16.2140

■ 135.4880, -0.2406,
-16.2140

■ 162.0750, -0.5300,
-16.7288

■ 189.0750, -0.5300,

-16.7288

■ 216.7760, -0.3826,
-17.3436

■ 18.7160, 0.6330,
-16.4139

■ 19.7270, 0.6276,
-14.6696

■ 20.7380, 0.6222,
-12.9252

■ 21.3360, 0.3274,
-11.6957

■ 22.3470, 0.3219,
-9.9513

■ 23.3580, 0.3165,
-8.2070

■ 24.3690, 0.3111,
-6.4626

■ 25.3800, 0.3057,
-4.7183

■ 25.9780, 0.0108,
-3.4887

■ 26.9890, 0.0054,
-1.7444

Harmonies

Analogous

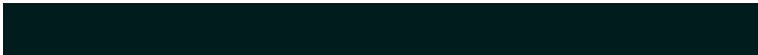
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



20.7620, -5.7987, -6.8073



18.7160, 0.6330, -16.4139



19.7420, 4.5642, -17.3137

Triad

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



18.7160, 0.6330, -16.4139



23.3400, 7.7204, -2.9292



23.0140, -7.8949, 12.2657

Complementary

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



18.7160, 0.6330, -16.4139



9.2840, -0.6330, 16.4139

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.



23.6920, -2.8062, 13.4251



18.7160, 0.6330, -16.4139



24.2980, 4.7831, 5.8777

Square

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



18.7160, 0.6330, -16.4139



20.6160, 9.0633, -13.6952



24.1200, 1.4198, 11.2958



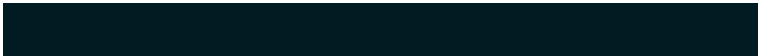
22.7810, -11.2310, 8.9621

Rectangle

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



18.7160, 0.6330, -16.4139



20.3120, 6.7482, -17.8136



24.1200, 1.4198, 11.2958



23.0680, -6.4425, 13.0954

Sweetspot

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



18.7160, 0.6330, -16.4139



32.3690, 0.3111, -6.4626



18.8280, -9.2822, -9.4962



15.6790, 0.1583, -4.1035



145.0000, 0.0000, 0.0000



18.0000, 0.0000, 0.0000

Same Dimension

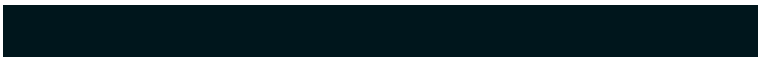
The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.7160, 0.6330, -16.4139



24.0960, 0.9387, -21.1322



16.1060, 5.8637, -14.1250



12.2880, -0.1420, -1.1296



51.4690, 1.7408, -45.1383



136.3920, 4.7367, -119.6158

Inverse Universe

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



9.2840, -0.6330, 16.4139



11.9040, -0.9387, 21.1322



11.8940, -5.8637, 14.1250



11.7120, 0.1420, 1.1296



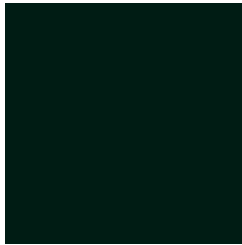
25.5310, -1.7408, 45.1383



67.6080, -4.7367, 119.6158

Previews

White Background



This preview shows how the YUV color 18.7160, 0.6330, -16.4139 looks on a white background.

Color Contrast Check

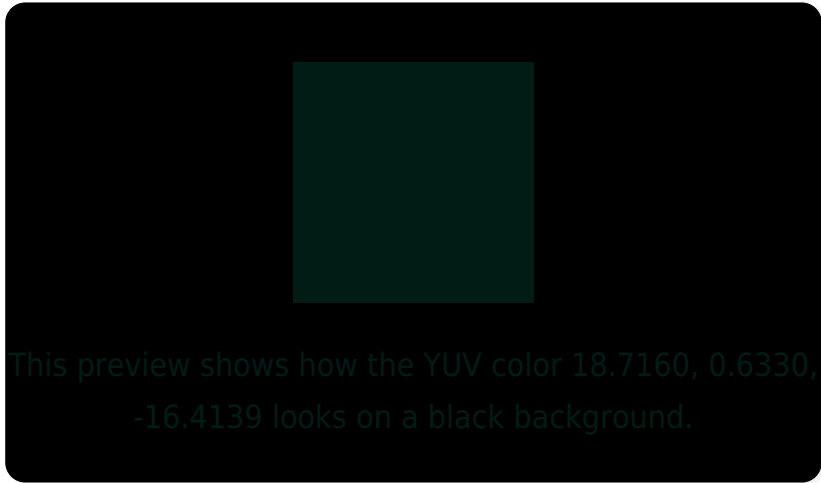
Large Text (above 18pt) WCAG AA ✓ Pass

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

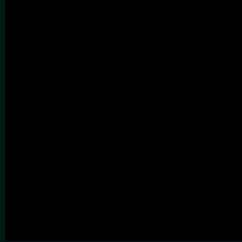
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.7160, 0.6330, -16.4139

Background



This preview shows how black text looks on a background with the YUV color 18.7160, 0.6330, -16.4139.



This preview shows how white text looks on a background with the YUV color 18.7160, 0.6330, -16.4139.

-16.4139.

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

18.7160, 0.6330, -16.4139

Protanopia

23.9140, -2.9156, 1.8294

Deuteranopia

24.8540, -1.9000, 2.7590



Tritanopia

21.8460, 3.5269, -11.2659

Trichromacy



Original Color

18.7160, 0.6330, -16.4139

Protanomaly

21.9240, -1.4415, -4.3183

Deuteranomaly

22.4510, -0.7153, -3.9035

Tritanomaly

20.6070, 2.6587, -12.8103

Monochromacy



Original Color

18.7160, 0.6330, -16.4139

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.6680, 0.1637, -5.8478

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.7160, 0.6330, -16.4139 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, 28, 20)` looks like.

```
.text, #text, p{  
    color:rgb(0, 28, 20)  
}
```

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, 28, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 28, 20) }
```

Border

The CSS property to change the border of an element to YUV 18.7160, 0.6330, -16.4139 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, 28, 20) }
```


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

```
.border{ border-color:rgb(0, 28, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 28, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 28, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 28, 20); box-shadow:4px  
4px 4px 4px rgb(0, 28, 20) }
```

Background

The CSS property to change the background color of an element to YUV 18.7160, 0.6330, -16.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 28, 20) }
```

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

```
.background{ background-color: rgb(0, 28,  
20) }
```

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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