

Converting Colors

YUV(19.0580, 1.9434, -16.7139)

Have a look what the booklet for
YUV(19.0580, 1.9434, -16.7139)
contains.

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Color

**YUV(19.0580, 1.9434,
-16.7139)**

Conversions

Conversions Part 1

Format	Color
Hex	001C17
RGB	0, 28, 23
RGB Percent	0%, 11%, 9%
CMY	1.0000, 0.8902, 0.9098
CMYK	1.00, 0.00, 0.18, 0.89
HSL	169°, 100%, 5%
HSV	169°, 100%, 11%
XYZ	0.5699, 0.8924, 0.9528
YIQ	19.0580, -15.0830, -7.4910

Conversions

Conversions Part 2

Format	Color
RYB	0, 15, 28
Decimal	7191
CIELab	8.06, -11.40, 0.27
CIELCh	8, 11.401, 178.648
Yxy	0.8924, 0.2360, 0.3695
Android (android.graphics.Color)	4278197271 (0xFF001C17)
YUV	19.0580, 1.9434, -16.7139
Hunter-Lab	9.4465, -5.7625, 0.6323

Details

The YUV color **19.0580, 1.9434, -16.7139** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.9420, -1.9434, 16.7139**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.5420, 1.2118, -15.3843**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.0580, 1.9434, -16.7139**, and if you desaturate by 10%, it is **19.9550, 1.5012, -14.8695**.

Distribution



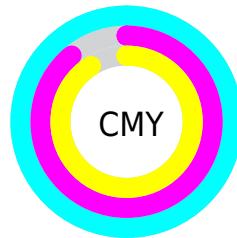
- Red (0%)
- Green (11%)
- Blue (9%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (89%)



- Cyan (100%)
- Magenta (89%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.0580, 1.9434, -16.7139 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 19.0580, 1.9434, -16.7139 by changing the saturation by 10% instead.

■ 19.0580, 1.9434,
-16.7139

■ 19.0580, 1.9434,
-16.7139

■ 245.2320, 1.3646,
-17.7435

■ 0.0000, 0.0000,
0.0000

■ 62.5420, 1.2118,
-15.3843

■ 86.2430, 1.3592,
-15.9991

■ 110.8300, 1.0698,
-16.5139

■ 135.9440, 1.5066,
-16.6139

■ 162.5310, 1.2172,
-17.1287

■ 189.5310, 1.2172,

-17.1287

■ 217.2320, 1.3646,
-17.7435

■ 19.0580, 1.9434,
-16.7139

■ 19.9550, 1.5012,
-14.8695

■ 20.9660, 1.4958,
-13.1252

■ 21.5640, 1.2009,
-11.8956

■ 22.5750, 1.1955,
-10.1513

■ 23.4720, 0.7533,
-8.3069

■ 24.4830, 0.7479,
-6.5626

■ 25.3800, 0.3057,
-4.7183

■ 26.0920, 0.4476,
-3.5887

■ 26.9890, 0.0054,
-1.7444

Harmonies

Analogous

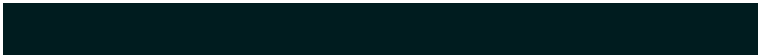
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



20.7340, -3.3199, -8.5367



19.0580, 1.9434, -16.7139



19.9700, 5.4378, -17.5137

Triad

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



19.0580, 1.9434, -16.7139



24.3080, 6.2572, -0.2701



23.1880, -8.4737, 11.2361

Complementary

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



19.0580, 1.9434, -16.7139



8.9420, -1.9434, 16.7139

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.



23.7520, -3.8217, 12.4955



19.0580, 1.9434, -16.7139



24.6680, 3.6147, 7.3072

Square

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



19.0580, 1.9434, -16.7139



22.1220, 8.3209, -8.8770



24.3650, -0.1799, 11.0809



22.6990, -10.2046, 6.4030

Rectangle

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



19.0580, 1.9434, -16.7139



19.8390, 7.4744, -17.3988



24.3650, -0.1799, 11.0809



23.8290, -7.3107, 11.5510

Sweetspot

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



19.0580, 1.9434, -16.7139



32.4830, 0.7479, -6.5626



17.9310, -8.8400, -11.3405



15.7930, 0.5951, -4.2035



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.



19.0580, 1.9434, -16.7139



24.4380, 2.2491, -21.4321



14.3450, 6.7319, -12.5806



12.4020, 0.2948, -1.2296



52.3810, 5.2352, -45.9381



138.9000, 14.3463, -121.8153

Inverse Universe

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



8.9420, -1.9434, 16.7139



11.4480, -2.6859, 21.5321



13.6550, -6.7319, 12.5806



11.7120, 0.1420, 1.1296



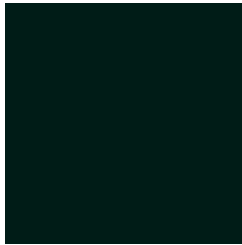
24.6190, -5.2352, 45.9381



65.1000, -14.3463, 121.8153

Previews

White Background



This preview shows how the YUV color 19.0580, 1.9434, -16.7139 looks on a white background.

Color Contrast Check

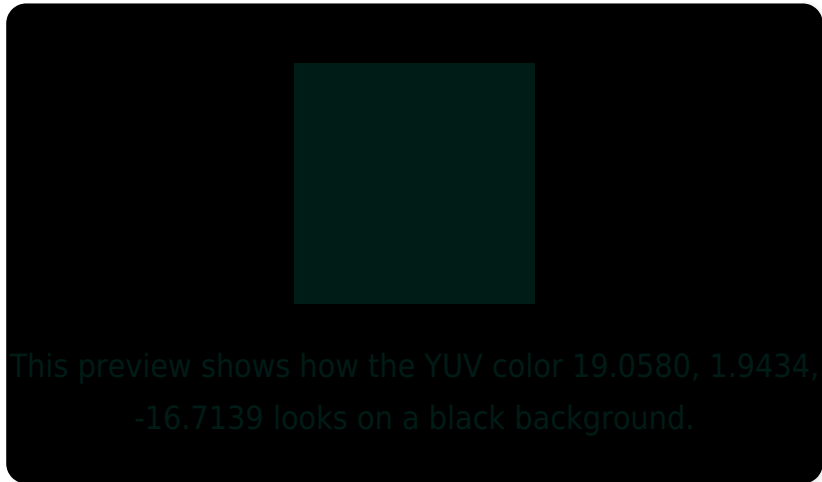
Large Text (above 18pt) WCAG AA ✓ Pass

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

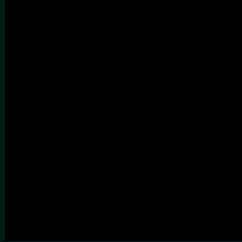
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.0580, 1.9434, -16.7139

Background



This preview shows how black text looks on a background with the YUV color 19.0580, 1.9434, -16.7139.



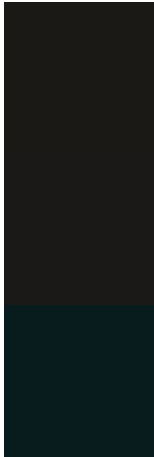
This preview shows how white text looks on a background with the YUV color 19.0580, 1.9434, -16.7139.

-16.7139.

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

24.8430, -1.8946, 1.0147

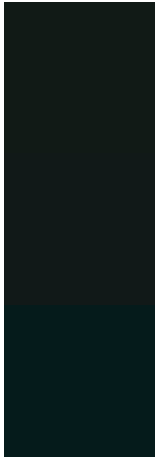
Deuteranopia

24.8970, -0.4422, 1.8443

Tritanopia

21.5470, 3.6743, -11.8807

Trichromacy



Protanomaly

22.8530, -0.4205, -5.1331

Deuteranomaly

22.4940, 0.7425, -4.8182

Tritanomaly

20.4220, 3.2430, -13.5251

Monochromacy



Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.7820, 0.6005, -5.9478

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.0580, 1.9434, -16.7139 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, 23)` looks like.

```
.text, #text, p{  
    color:rgb(0, 28, 23)  
}
```

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, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 28, 23) }
```

Border

The CSS property to change the border of an element to YUV 19.0580, 1.9434, -16.7139 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, 23) }
```

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

```
.border{ border-color:rgb(0, 28, 23) }
```

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, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 28, 23); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 28, 23); box-shadow:4px  
4px 4px 4px rgb(0, 28, 23) }
```


Background

The CSS property to change the background color of an element to YUV 19.0580, 1.9434, -16.7139 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, 23) }
```

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

```
.background{ background-color: rgb(0, 28,  
23) }
```

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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