

Converting Colors

YUV(19.8560, 5.0010, -17.4137)

Have a look what the booklet for
YUV(19.8560, 5.0010, -17.4137)
contains.

YUV(19.8560, 5.0010, -17.4137)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(19.8560, 5.0010,
-17.4137)**

Conversions

Conversions Part 1

Format	Color
Hex	001C1E
RGB	0, 28, 30
RGB Percent	0%, 11%, 12%
CMY	1.0000, 0.8902, 0.8824
CMYK	1.00, 0.07, 0.00, 0.88
HSL	184°, 100%, 6%
HSV	184°, 100%, 12%
XYZ	0.6496, 0.9242, 1.3725
YIQ	19.8560, -17.3300, -5.3140

Conversions

Conversions Part 2

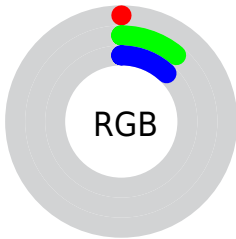
Format	Color
RYB	0, 14, 30
Decimal	7198
CIELab	8.34, -9.35, -4.57
CIELCh	8, 10.412, 206.054
Yxy	0.9242, 0.2205, 0.3137
Android (android.graphics.Color)	4278197278 (0xFF001C1E)
YUV	19.8560, 5.0010, -17.4137
Hunter-Lab	9.6138, -4.7629, -1.7346

Details

The YUV color **19.8560, 5.0010, -17.4137** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.1440, -5.0010, 17.4137**, and the grayscale version is **20.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.5680, 5.1430, -16.2841**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.8560, 5.0010, -17.4137**, and if you desaturate by 10%, it is **20.7530, 4.5588, -15.5694**.

Distribution



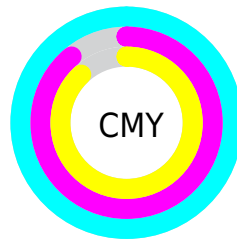
- Red (0%)
- Green (11%)
- Blue (12%)



- Red (0%)
- Yellow (5%)
- Blue (12%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (88%)



- Cyan (100%)
- Magenta (89%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 19.8560, 5.0010, -17.4137 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 19.8560, 5.0010, -17.4137 by changing the saturation by 10% instead.

■ 19.8560, 5.0010,
-17.4137

■ 19.8560, 5.0010,
-17.4137

■ 246.0300, 4.4222,
-18.4433

■ 0.4560, 1.7472,
-0.3999

■ 63.5680, 5.1430,
-16.2841

■ 0.0000, 0.0000,
0.0000

■ 87.1550, 4.8536,
-16.7989

■ 111.8560, 5.0010,
-17.4137

■ 136.9700, 5.4378,
-17.5137

■ 163.5570, 5.1484,
-18.0285

■ 190.6710, 5.5852,

-18.1285

■ 218.3720, 5.7326,
-18.7432

■ 19.8560, 5.0010,
-17.4137

■ 20.7530, 4.5588,
-15.5694

■ 21.6500, 4.1166,
-13.7250

■ 23.1340, 3.3849,
-12.3955

■ 24.0310, 2.9427,
-10.5512

■ 24.9280, 2.5005,
-8.7069

■ 25.8250, 2.0583,
-6.8625

■ 26.7220, 1.6161,
-5.0182

■ 28.2060, 0.8844,
-3.6887

■ 29.1030, 0.4422,
-1.8443

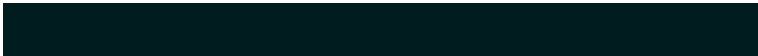
Harmonies

Analogous

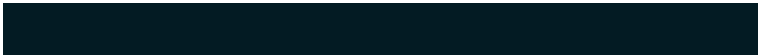
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



20.2540, 1.3538, -14.2548



19.8560, 5.0010, -17.4137



20.7360, 7.0322, -15.5545

Triad

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



19.8560, 5.0010, -17.4137



24.9560, 3.4727, 6.1776



23.3400, -9.0416, 6.7178

Complementary

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



19.8560, 5.0010, -17.4137



10.1440, -5.0010, 17.4137

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.



24.2310, -7.0159, 10.3214



19.8560, 5.0010, -17.4137



25.0660, -0.0325, 10.4661

Square

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



19.8560, 5.0010, -17.4137



24.8950, 5.9678, -0.7849



24.5670, -3.2375, 11.7807



23.2360, -8.0043, 0.6700

Rectangle

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



19.8560, 5.0010, -17.4137



22.1710, 7.3107, -11.5510



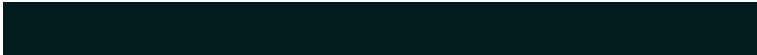
24.5670, -3.2375, 11.7807



24.0520, -8.8996, 7.8474

Sweetspot

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



19.8560, 5.0010, -17.4137



34.1240, 1.9109, -6.2477



17.8380, -7.8081, -15.6439



17.9070, 1.0318, -4.3034



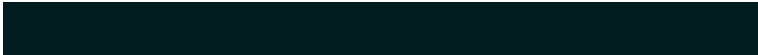
148.0000, 0.0000, 0.0000



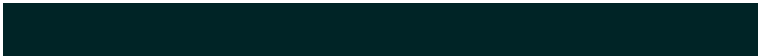
20.0000, 0.0000, 0.0000

Same Dimension

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



19.8560, 5.0010, -17.4137



25.4640, 6.1802, -22.3319



11.0510, 9.3419, -9.6917



14.7010, 0.1474, -0.6148



52.4440, 13.0921, -45.9934



136.8890, 34.5647, -120.0517

Inverse Universe

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



12.1620, 7.8081, 15.6439



15.4660, 10.1233, 19.7623



18.9490, -9.3419, 9.6917



14.4130, 0.2894, 0.5148



32.0570, 20.6779, 41.1690



83.8950, 53.7888, 107.9631

Previews

White Background



This preview shows how the YUV color 19.8560, 5.0010, -17.4137 looks on a white background.

Color Contrast Check

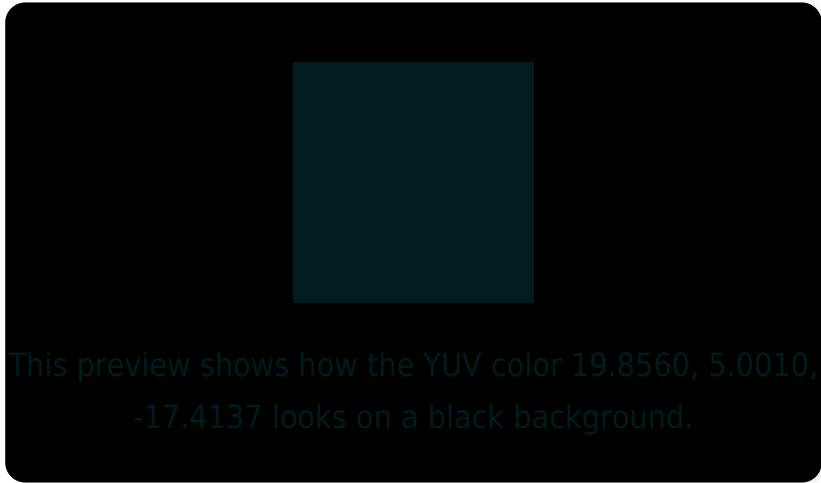
Large Text (above 18pt) WCAG AA ✓ Pass

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

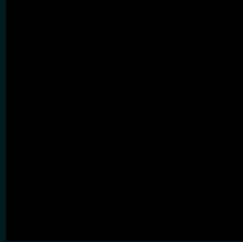
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 19.8560, 5.0010, -17.4137

Background



This preview shows how black text looks on a background with the YUV color 19.8560, 5.0010, -17.4137.



This preview shows how white text looks on a background with the YUV color 19.8560, 5.0010,

-17.4137.

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

19.8560, 5.0010, -17.4137

Protanopia

25.3420, 1.3104, -0.2999

Deuteranopia

25.6840, 2.6208, -0.5999



Tritanopia

20.4540, 4.7062, -16.1842

Trichromacy



Original Color

19.8560, 5.0010, -17.4137

Protanomaly

23.3520, 2.7845, -6.4477

Deuteranomaly

23.5800, 3.6581, -6.6477

Tritanomaly

20.1550, 4.8536, -16.7989

Monochromacy



Original Color

19.8560, 5.0010, -17.4137

Achromatopsia

20.0000, 0.0000, 0.0000

Achromatomaly

20.1240, 1.9109, -6.2477

CSS Examples

Text

The CSS property to change the color of the text to YUV 19.8560, 5.0010, -17.4137 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, 30)` looks like.

```
.text, #text, p{  
    color:rgb(0, 28, 30)  
}
```

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, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 28, 30) }
```

Border

The CSS property to change the border of an element to YUV 19.8560, 5.0010, -17.4137 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, 30) }
```


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

```
.border{ border-color:rgb(0, 28, 30) }
```

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, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 28, 30); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 28, 30); box-shadow:4px  
4px 4px 4px rgb(0, 28, 30) }
```

Background

The CSS property to change the background color of an element to YUV 19.8560, 5.0010, -17.4137 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, 30) }
```

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

```
.background{ background-color: rgb(0, 28,  
30) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor