

Converting Colors

YUV(39.3880, -12.0233,
-17.0033)

Have a look what the booklet for
YUV(39.3880, -12.0233, -17.0033)
contains.

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Color

**YUV(39.3880, -12.0233,
-17.0033)**

Conversions

Conversions Part 1

Format	Color
Hex	14360F
RGB	20, 54, 15
RGB Percent	8%, 21%, 6%
CMY	0.9216, 0.7882, 0.9412
CMYK	0.63, 0.00, 0.72, 0.79
HSL	112°, 57%, 14%
HSV	112°, 72%, 21%
XYZ	1.6939, 2.8215, 0.9073
YIQ	39.3880, -7.7450, -19.3370

Conversions

Conversions Part 2

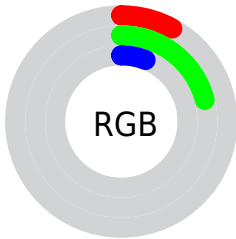
Format	Color
R _Y B	15, 54, 49
Decimal	1324559
CIE Lab	19.31, -21.62, 20.32
CIE LCh	19, 29.670, 136.764
Yxy	2.8215, 0.3124, 0.5203
Android (android.graphics.Color)	4279514639 (0xFF14360F)
YUV	39.3880, -12.0233, -17.0033
Hunter-Lab	16.7975, -11.3953, 8.5558

Details

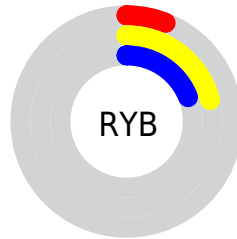
The YUV color **39.3880, -12.0233, -17.0033** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **29.6120, 12.0233, 17.0033**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.9320, -13.7705, -16.6034**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.3230, -13.4702, -19.5773**, and if you desaturate by 10%, it is **41.4530, -10.5763, -14.4293**.

Distribution



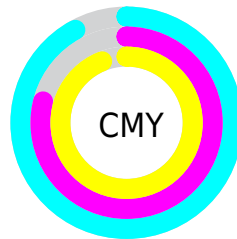
- Red (8%)
- Green (21%)
- Blue (6%)



- Red (6%)
- Yellow (21%)
- Blue (19%)



- Cyan (63%)
- Magenta (0%)
- Yellow (72%)
- Black (79%)



- Cyan (92%)
- Magenta (79%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 39.3880, -12.0233, -17.0033 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 39.3880, -12.0233, -17.0033 by changing the saturation by 10% instead.

■ 39.3880, -12.0233,
-17.0033

■ 39.3880, -12.0233,
-17.0033

■ 253.1050, -5.9678,
0.7849

■ 19.3710, -9.5499,
-16.9884

■ 85.9320, -13.7705,
-16.6034

■ 0.0000, 0.0000,
0.0000

■ 110.5190,
-14.0599, -17.1182


■ 135.9920,
-14.7861, -17.5330


■ 162.5790,
-15.0754, -18.0478


■ 190.0520,
-15.8016, -18.4626


■ 217.9380,

-16.2384, -18.3626


 241.2420,
-13.9233, -14.2442


 39.3880, -12.0233,
-17.0033


 39.3880, -12.0233,
-17.0033


 37.3230, -13.4702,
-19.5773


 41.4530, -10.5763,
-14.4293


 35.4430, -15.5014,
-21.4365

 43.3330, -8.5452,
-12.5700

 33.7910, -16.6590,
-23.4957

 45.3980, -7.0982,
-9.9960

 47.5770, -5.2145,
-7.5220

 49.6420, -3.7675,
-4.9480

■ 51.4080, -2.1731,
-2.9888

■ 53.5870, -0.2894,
-0.5148

■ 55.6520, 1.1576,
2.0592

■ 57.5320, 3.1887,
3.9184

Harmonies

Analogous

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



42.8160, -21.1083, 3.6694



39.3880, -12.0233, -17.0033



36.9760, -0.4812, -32.4280

Triad

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



39.3880, -12.0233, -17.0033



40.6700, 23.8267, -35.6676



45.0800, -4.4764, 35.8868

Complementary

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



39.3880, -12.0233, -17.0033



29.6120, 12.0233, 17.0033

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.



46.5660, 5.1440, 30.1986



39.3880, -12.0233, -17.0033



44.5200, 21.4356, -15.3650

Square

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



39.3880, -12.0233, -17.0033



41.7640, 17.8643, -36.6270



48.7470, 13.9287, 12.4999



44.8160, -14.2063, 29.9794

Rectangle

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



39.3880, -12.0233, -17.0033



39.2730, 5.7814, -34.4424



48.7470, 13.9287, 12.4999



44.9920, -0.9821, 35.0870

Sweetspot

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



39.3880, -12.0233, -17.0033



65.4030, -4.6357, -6.4924



46.6190, -15.5882, 6.4731



32.4680, -3.1887, -3.9184



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



39.3880, -12.0233, -17.0033



47.7860, -19.1215, -26.9993



39.4890, -5.1711, -21.4769



27.0600, -1.0156, -0.9296



57.5920, -28.3929, -39.9842



136.9250, -67.5040, -95.5272

Inverse Universe

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



29.6120, 12.0233, 17.0033



32.2140, 19.1215, 26.9993



29.5110, 5.1711, 21.4769



26.2390, 0.8682, 1.5444



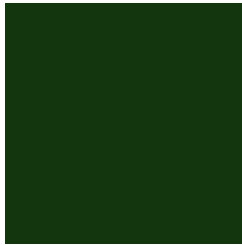
34.4080, 28.3929, 39.9842



82.0750, 67.5040, 95.5272

Previews

White Background



This preview shows how the YUV color 39.3880, -12.0233, -17.0033 looks on a white background.

Color Contrast Check

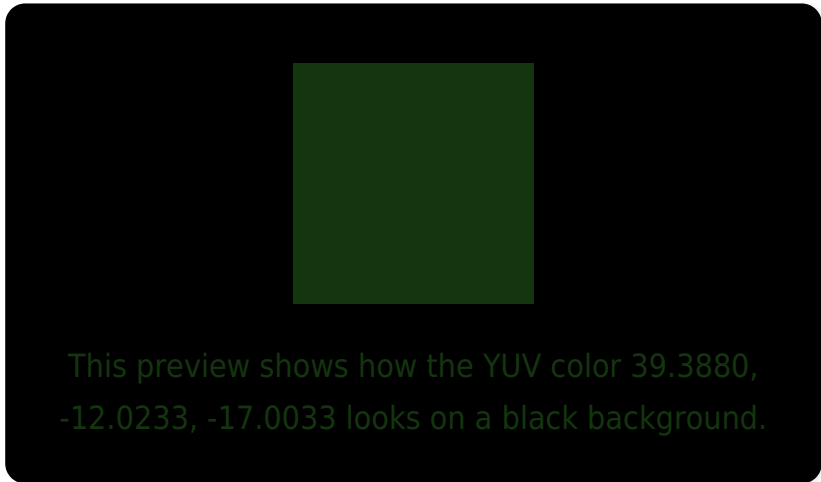
Large Text (above 18pt) WCAG AA ✓ Pass

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

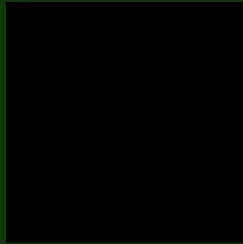
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 39.3880, -12.0233, -17.0033

Background



This preview shows how black text looks on a background with the YUV color 39.3880, -12.0233, -17.0033.



This preview shows how white text looks on a background with the YUV color 39.3880, -12.0233, -17.0033.

-17.0033.

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

39.3880, -12.0233, -17.0033

Protanopia

44.9180, -15.7356, 7.0879

Deuteranopia

45.9230, -13.2730, 10.5915



Tritanopia

44.1770, 4.8427, -13.3102

Trichromacy



Original Color

39.3880, -12.0233, -17.0033

Protanomaly

43.2050, -14.3981, -1.9338

Deuteranomaly

43.3840, -12.5143, 0.5402

Tritanomaly

42.2710, -1.1196, -14.2697

Monochromacy



Original Color

39.3880, -12.0233, -17.0033

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.8160, -4.3463, -5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 39.3880, -12.0233, -17.0033 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(20, 54, 15)` looks like.

```
.text, #text, p{  
    color:rgb(20, 54, 15)  
}
```

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(20, 54, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 54, 15) }
```

Border

The CSS property to change the border of an element to YUV 39.3880, -12.0233, -17.0033 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(20, 54, 15) }
```


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

```
.border{ border-color:rgb(20, 54, 15) }
```

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

Here you see how a box with a 4 pixel rgb(20, 54, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 54, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 54, 15);  
box-shadow:4px 4px 4px 4px rgb(20, 54, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 39.3880, -12.0233, -17.0033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 54, 15) }
```

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

```
.background{ background-color: rgb(20, 54,  
15) }
```

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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