

Converting Colors

YUV(51.0080, 17.7441,
-44.7340)

Have a look what the booklet for
YUV(51.0080, 17.7441, -44.7340)
contains.

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Color

**YUV(51.0080, 17.7441,
-44.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	004657
RGB	0, 70, 87
RGB Percent	0%, 27%, 34%
CMY	1.0000, 0.7255, 0.6588
CMYK	1.00, 0.20, 0.00, 0.66
HSL	192°, 100%, 17%
HSV	192°, 100%, 34%
XYZ	3.9105, 5.0684, 9.7890
YIQ	51.0080, -47.1770, -9.5530

Conversions

Conversions Part 2

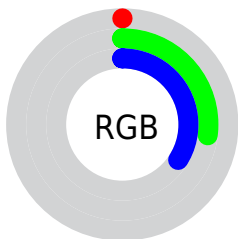
Format	Color
RYB	0, 39, 87
Decimal	18007
CIELab	26.93, -12.43, -15.58
CIELCh	27, 19.930, 231.423
Yxy	5.0684, 0.2084, 0.2701
Android (android.graphics.Color)	4278208087 (0xFF004657)
YUV	51.0080, 17.7441, -44.7340
Hunter-Lab	22.5132, -8.3933, -10.0208

Details

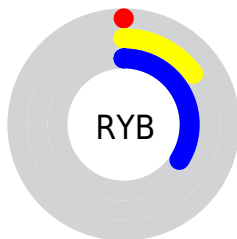
The YUV color **51.0080, 17.7441, -44.7340** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **35.9920, -17.7441, 44.7340**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.3190, 16.1117, -34.4828**, and **20.6370, 10.5320, -18.0986** is the 20% darker color. If you saturate the color by 10%, you get **51.0080, 17.7441, -44.7340**, and if you desaturate by 10%, it is **54.8730, 15.8386, -40.2306**.

Distribution



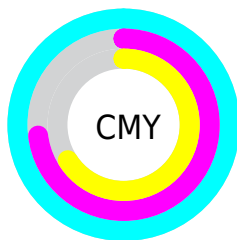
- Red (0%)
- Green (27%)
- Blue (34%)



- Red (0%)
- Yellow (15%)
- Blue (34%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (73%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.0080, 17.7441, -44.7340 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 51.0080, 17.7441, -44.7340 by changing the saturation by 10% instead.

■ 51.0080, 17.7441,
-44.7340

■ 51.0080, 17.7441,
-44.7340

■ 255.0000, 0.0000,
0.0000

■ 35.4720, 14.0643,
-31.1089

■ 104.3190, 16.1117,
-34.4828

■ 20.6370, 10.5320,
-18.0986

■ 130.3190, 16.1117,
-34.4828

■ 2.9810, 8.8834,
-2.6143

■ 157.3190, 16.1117,
-34.4828

■ 0.0000, 0.0000,
0.0000

■ 184.4330, 16.5485,
-34.5827

■ 212.2480, 17.1327,
-35.2975

■ 238.5550, 8.1074,

-33.8127

■ 247.2260, 3.8326,
-15.9842

■ 51.0080, 17.7441,
-44.7340

■ 54.8730, 15.8386,
-40.2306

■ 57.8520, 14.3700,
-35.8272

■ 61.7170, 12.4645,
-31.3238

■ 65.5820, 10.5591,
-26.8204

■ 69.4470, 8.6536,
-22.3170

■ 72.4260, 7.1850,
-17.9136

■ 76.2910, 5.2795,
-13.4102

■ 80.1560, 3.3741,
-8.9068

■ 83.1350, 1.9054,
-4.5034

Harmonies

Analogous

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



50.7000, 11.4869, -44.4639



51.0080, 17.7441, -44.7340



59.2110, 16.6580, -22.9870

Triad

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



51.0080, 17.7441, -44.7340



65.3000, 1.8241, 21.6619



61.2700, -12.9511, 0.6402

Complementary

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



51.0080, 17.7441, -44.7340



35.9920, -17.7441, 44.7340

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.



62.5920, -14.5889, 12.6358



51.0080, 17.7441, -44.7340



64.3730, -5.6069, 25.1059

Square

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



51.0080, 17.7441, -44.7340



65.9550, 8.4032, 11.4405



63.7440, -11.7058, 21.2725



59.5610, -7.6716, -12.7700

Rectangle

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



51.0080, 17.7441, -44.7340



62.8320, 14.8728, -10.3767



63.7440, -11.7058, 21.2725



62.2490, -14.4198, 5.0436

Sweetspot

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



51.0080, 17.7441, -44.7340



98.6110, 6.6008, -17.1988



52.8930, -18.1882, -46.3872



47.6720, 4.1057, -10.2363



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



51.0080, 17.7441, -44.7340



65.5980, 22.8762, -57.5294



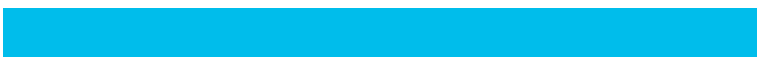
26.3540, 29.8985, -23.1125



41.8040, 0.5896, -2.4591



62.6800, 21.8498, -54.9704



137.7330, 47.9526, -120.7918

Inverse Universe

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



33.9930, 17.7515, 46.4871



43.7480, 22.8022, 59.8570



60.6460, -29.8985, 23.1125



40.6520, 1.1576, 2.0592



41.7970, 21.7921, 57.1830



91.8110, 47.9142, 125.5768

Previews

White Background



This preview shows how the YUV color 51.0080, 17.7441, -44.7340 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



This preview shows how the YUV color 51.0080, 17.7441, -44.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

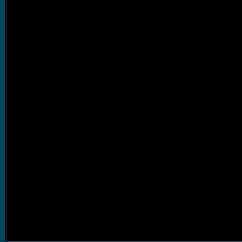
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.0080, 17.7441, -44.7340

Background



This preview shows how black text looks on a background with the YUV color 51.0080, 17.7441, -44.7340.



This preview shows how white text looks on a background with the YUV color 51.0080, 17.7441,

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

51.0080, 17.7441, -44.7340

Protanopia

63.9700, 8.8888, -4.3587

Deuteranopia

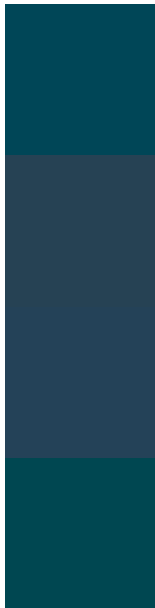
63.8710, 12.3886, -6.9029



Tritanopia

50.4550, 13.0867, -44.2490

Trichromacy



Original Color

51.0080, 17.7441, -44.7340

Protanomaly

59.6800, 11.9898, -19.0134

Deuteranomaly

59.5380, 14.0318, -20.6428

Tritanomaly

50.9110, 14.8339, -44.6489

Monochromacy



Original Color

51.0080, 17.7441, -44.7340

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9100, 6.4534, -16.5841

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.0080, 17.7441, -44.7340 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, 70, 87)` looks like.

```
.text, #text, p{  
    color:rgb(0, 70, 87)  
}
```

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, 70, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 70, 87) }
```

Border

The CSS property to change the border of an element to YUV 51.0080, 17.7441, -44.7340 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, 70, 87) }
```


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

```
.border{ border-color:rgb(0, 70, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 70, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 70, 87); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 70, 87); box-shadow:4px  
4px 4px 4px rgb(0, 70, 87) }
```

Background

The CSS property to change the background color of an element to YUV 51.0080, 17.7441, -44.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 70, 87) }
```

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

```
.background{ background-color: rgb(0, 70,  
87) }
```

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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