

Converting Colors

YUV(57.3000, 21.5441,
-50.2521)

Have a look what the booklet for
YUV(57.3000, 21.5441, -50.2521)
contains.

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Color

**YUV(57.3000, 21.5441,
-50.2521)**

Conversions

Conversions Part 1

Format	Color
Hex	004E65
RGB	0, 78, 101
RGB Percent	0%, 31%, 40%
CMY	1.0000, 0.6941, 0.6039
CMYK	1.00, 0.23, 0.00, 0.60
HSL	194°, 100%, 20%
HSV	194°, 100%, 40%
XYZ	5.0734, 6.3884, 13.2776
YIQ	57.3000, -53.8710, -9.3830

Conversions

Conversions Part 2

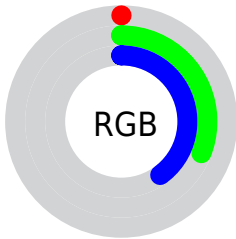
Format	Color
RYB	0, 44, 101
Decimal	20069
CIELab	30.37, -11.62, -19.23
CIELCh	30, 22.465, 238.853
Yxy	6.3884, 0.2051, 0.2582
Android (android.graphics.Color)	4278210149 (0xFF004E65)
YUV	57.3000, 21.5441, -50.2521
Hunter-Lab	25.2752, -8.4023, -13.4536

Details

The YUV color **57.3000, 21.5441, -50.2521** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **43.7000, -21.5441, 50.2521**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.5080, 19.4696, -38.1565**, and **26.1140, 13.7478, -22.9020** is the 20% darker color. If you saturate the color by 10%, you get **57.3000, 21.5441, -50.2521**, and if you desaturate by 10%, it is **61.4640, 19.4912, -45.1339**.

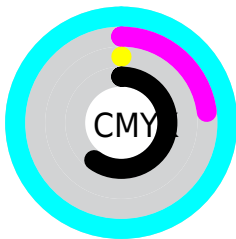
Distribution



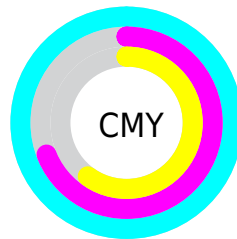
- Red (0%)
- Green (31%)
- Blue (40%)



- Red (0%)
- Yellow (17%)
- Blue (40%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (69%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.3000, 21.5441, -50.2521 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 57.3000, 21.5441, -50.2521 by changing the saturation by 10% instead.

■ 57.3000, 21.5441,
-50.2521

■ 57.3000, 21.5441,
-50.2521

■ 255.0000, 0.0000,
0.0000

■ 41.0630, 17.7169,
-36.0123

■ 112.5080, 19.4696,
-38.1565

■ 26.1140, 13.7478,
-22.9020

■ 138.9210, 19.7589,
-37.6417

■ 6.6970, 12.9674,
-5.8733

■ 165.9210, 19.7589,
-37.6417

■ 0.6840, 2.6208,
-0.5999

■ 193.4480, 20.4851,
-37.2269

■ 0.0000, 0.0000,
0.0000

■ 221.1230, 16.7014,
-36.9419

■ 240.6480, 7.0755,

-29.5093

■ 249.3190, 2.8007,
-11.6808

■ 57.3000, 21.5441,
-50.2521

■ 61.4640, 19.4912,
-45.1339

■ 66.2150, 17.1490,
-40.5306

■ 70.3790, 15.0962,
-35.4124

■ 74.5430, 13.0433,
-30.2942

■ 79.5930, 10.5537,
-25.0761

■ 83.7570, 8.5008,
-19.9579

■ 87.9210, 6.4479,
-14.8397

■ 92.0850, 4.3951,
-9.7215

■ 96.8360, 2.0529,
-5.1182

Harmonies

Analogous

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



56.9920, 15.2869, -49.9820



57.3000, 21.5441, -50.2521



67.7920, 18.8365, -21.7426

Triad

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



57.3000, 21.5441, -50.2521



73.4640, -0.2288, 26.7801



68.0200, -13.8139, -2.6485

Complementary

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



57.3000, 21.5441, -50.2521



43.7000, -21.5441, 50.2521

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.



70.0110, -16.7674, 11.3914



57.3000, 21.5441, -50.2521



72.4120, -8.0911, 28.5797

Square

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



57.3000, 21.5441, -50.2521



73.8740, 7.9501, 16.7735



71.3590, -14.4740, 22.4872



65.5710, -6.1975, -18.9178

Rectangle

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



57.3000, 21.5441, -50.2521



71.3100, 16.6092, -7.2879



71.3590, -14.4740, 22.4872



69.2980, -15.4299, 2.3697

Sweetspot

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



57.3000, 21.5441, -50.2521



113.0560, 8.3534, -19.3431



61.7950, -19.6189, -54.1942



55.8890, 4.9847, -12.1807



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



57.3000, 21.5441, -50.2521



73.5200, 27.8446, -64.4770



28.5370, 35.7243, -25.0269



48.9180, 1.0264, -2.5591



65.3530, 24.4760, -57.3146



137.3570, 51.5890, -120.4621

Inverse Universe

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



39.0910, 19.1821, 54.2942



50.2700, 24.5169, 69.9232



72.4630, -35.7243, 25.0269



47.9510, 1.0102, 2.6740



44.5310, 21.9232, 61.8013



93.6760, 46.0087, 130.0801

Previews

White Background



This preview shows how the YUV color 57.3000, 21.5441, -50.2521 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 57.3000, 21.5441, -50.2521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

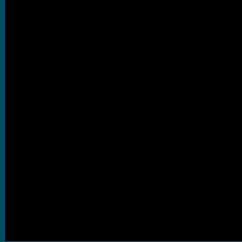
Any Text WCAG AA × Fail

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 57.3000, 21.5441, -50.2521 Background



This preview shows how black text looks on a background with the YUV color 57.3000, 21.5441, -50.2521.



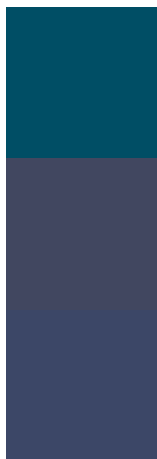
This preview shows how white text looks on a background with the YUV color 57.3000, 21.5441,

-50.2521.

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

57.3000, 21.5441, -50.2521

Protanopia

72.0560, 11.8044, -6.1881

Deuteranopia

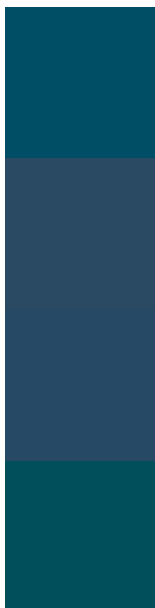
71.3590, 15.5990, -9.9618



Tritanopia

56.7640, 14.4133, -49.7820

Trichromacy



Original Color

57.3000, 21.5441, -50.2521

Protanomaly

66.8690, 15.3476, -22.6871

Deuteranomaly

66.4280, 17.5370, -24.9314

Tritanomaly

56.7470, 16.8867, -49.7671

Monochromacy



Original Color

57.3000, 21.5441, -50.2521

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.2410, 7.7692, -18.6284

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.3000, 21.5441, -50.2521 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, 78, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 78, 101)  
}
```

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, 78, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 78, 101) }
```

Border

The CSS property to change the border of an element to YUV 57.3000, 21.5441, -50.2521 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, 78, 101) }
```


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

```
.border{ border-color:rgb(0, 78, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 78, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 78, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 78, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 78, 101)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.3000, 21.5441, -50.2521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 78, 101) }
```

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

```
.background{ background-color: rgb(0, 78,  
101) }
```

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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