

Converting Colors

YUV(57.8070, 15.8711,
-50.6967)

Have a look what the booklet for
YUV(57.8070, 15.8711, -50.6967)
contains.

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Color

**YUV(57.8070, 15.8711,
-50.6967)**

Conversions

Conversions Part 1

Format	Color
Hex	00515A
RGB	0, 81, 90
RGB Percent	0%, 32%, 35%
CMY	1.0000, 0.6824, 0.6471
CMYK	1.00, 0.10, 0.00, 0.65
HSL	186°, 100%, 18%
HSV	186°, 100%, 35%
XYZ	4.7879, 6.6230, 10.6989
YIQ	57.8070, -51.1650, -14.3730

Conversions

Conversions Part 2

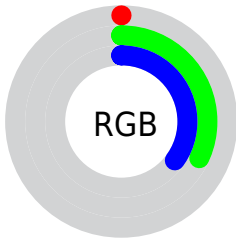
Format	Color
RYB	0, 43, 90
Decimal	20826
CIELab	30.93, -17.64, -11.37
CIELCh	31, 20.985, 212.812
Yxy	6.6230, 0.2166, 0.2996
Android (android.graphics.Color)	4278210906 (0xFF00515A)
YUV	57.8070, 15.8711, -50.6967
Hunter-Lab	25.7353, -11.8279, -6.6338

Details

The YUV color **57.8070, 15.8711, -50.6967** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **32.1930, -15.8711, 50.6967**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.8900, 13.3652, -40.2455**, and **26.1480, 8.8010, -22.9318** is the 20% darker color. If you saturate the color by 10%, you get **57.8070, 15.8711, -50.6967**, and if you desaturate by 10%, it is **61.0850, 14.2551, -45.6785**.

Distribution



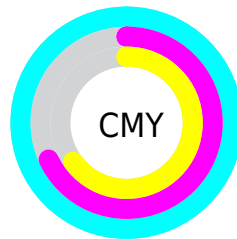
- Red (0%)
- Green (32%)
- Blue (35%)



- Red (0%)
- Yellow (17%)
- Blue (35%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (68%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.8070, 15.8711, -50.6967 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 57.8070, 15.8711, -50.6967 by changing the saturation by 10% instead.

■ 57.8070, 15.8711,
-50.6967

■ 57.8070, 15.8711,
-50.6967

■ 255.0000, 0.0000,
0.0000

■ 41.6840, 12.4808,
-36.5569

■ 112.8900, 13.3652,
-40.2455

■ 26.1480, 8.8010,
-22.9318

■ 139.1890, 13.2178,
-39.6308

■ 7.4320, 8.1680,
-6.5179

■ 166.3030, 13.6546,
-39.7307

■ 0.0000, 0.0000,
0.0000

■ 193.3030, 13.6546,
-39.7307

■ 222.0040, 13.8020,
-40.3455

■ 239.7510, 7.5178,

-31.3536

■ 248.4220, 3.2430,
-13.5251

■ 57.8070, 15.8711,
-50.6967

■ 61.0850, 14.2551,
-45.6785

■ 64.3630, 12.6390,
-40.6604

■ 67.6410, 11.0230,
-35.6422

■ 70.9190, 9.4069,
-30.6240

■ 73.6100, 8.0803,
-25.0910

■ 76.8880, 6.4642,
-20.0728

■ 80.1660, 4.8482,
-15.0546

■ 83.4440, 3.2321,
-10.0364

■ 86.7220, 1.6161,
-5.0182

Harmonies

Analogous

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



63.1480, 5.3500, -36.0868



57.8070, 15.8711, -50.6967



63.6930, 18.8854, -37.4418

Triad

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



57.8070, 15.8711, -50.6967



75.4180, 6.2029, 17.1734



71.3420, -15.4516, 9.3471

Complementary

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



57.8070, 15.8711, -50.6967



32.1930, -15.8711, 50.6967

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.



73.0490, -14.3212, 20.1280



57.8070, 15.8711, -50.6967



74.5240, -1.2443, 25.8505

Square

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



57.8070, 15.8711, -50.6967



74.3390, 12.6509, 2.3337



73.8740, -8.8119, 26.4205



69.7640, -12.2087, -4.1780

Rectangle

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



57.8070, 15.8711, -50.6967



69.1400, 17.6790, -23.8018



73.8740, -8.8119, 26.4205



71.6630, -15.6099, 13.4505

Sweetspot

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



57.8070, 15.8711, -50.6967



104.7740, 6.0274, -19.9728



53.8560, -22.1140, -47.2317



51.5470, 3.6743, -11.8807



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



57.8070, 15.8711, -50.6967



75.5600, 20.4299, -66.2661



31.3920, 28.8937, -27.5308



43.9180, 1.0264, -2.5591



70.6530, 19.3981, -61.9627



152.0490, 41.8808, -133.3470

Inverse Universe

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



36.1440, 22.1140, 47.2317



47.0670, 29.0540, 61.3312



58.6080, -28.8937, 27.5308



42.9510, 1.0102, 2.6740



44.1760, 27.0282, 57.7276



95.1450, 58.1025, 124.4068

Previews

White Background



This preview shows how the YUV color 57.8070, 15.8711, -50.6967 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 57.8070, 15.8711, -50.6967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

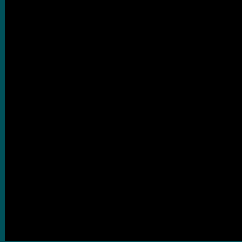
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.8070, 15.8711, -50.6967

Background



This preview shows how black text looks on a background with the YUV color 57.8070, 15.8711, -50.6967.



This preview shows how white text looks on a background with the YUV color 57.8070, 15.8711,

-50.6967.

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

57.8070, 15.8711, -50.6967

Protanopia

73.0690, 5.3890, -1.8145

Deuteranopia

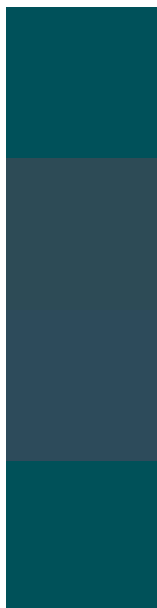
73.6820, 9.0308, -3.2291



Tritanopia

57.5790, 14.9976, -50.4968

Trichromacy



Original Color

57.8070, 15.8711, -50.6967

Protanomaly

67.2840, 9.2270, -19.5431

Deuteranomaly

67.8540, 11.4110, -20.0430

Tritanomaly

57.6930, 15.4344, -50.5968

Monochromacy



Original Color

57.8070, 15.8711, -50.6967

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

57.7850, 6.0220, -18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.8070, 15.8711, -50.6967 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, 81, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 81, 90)  
}
```

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, 81, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 81, 90) }
```

Border

The CSS property to change the border of an element to YUV 57.8070, 15.8711, -50.6967 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, 81, 90) }
```


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

```
.border{ border-color:rgb(0, 81, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 81, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 81, 90); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 81, 90); box-shadow:4px  
4px 4px 4px rgb(0, 81, 90) }
```

Background

The CSS property to change the background color of an element to YUV 57.8070, 15.8711, -50.6967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 81, 90) }
```

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

```
.background{ background-color: rgb(0, 81,  
90) }
```

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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