

Converting Colors

YUV(70.0440, 13.2893,
-15.8246)

Have a look what the booklet for
YUV(70.0440, 13.2893, -15.8246)
contains.

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Color

**YUV(70.0440, 13.2893,
-15.8246)**

Conversions

Conversions Part 1

Format	Color
Hex	344A61
RGB	52, 74, 97
RGB Percent	20%, 29%, 38%
CMY	0.7961, 0.7098, 0.6196
CMYK	0.46, 0.24, 0.00, 0.62
HSL	211°, 30%, 29%
HSV	211°, 46%, 38%
XYZ	6.0226, 6.4907, 12.2447
YIQ	70.0440, -20.4950, 2.4890

Conversions

Conversions Part 2

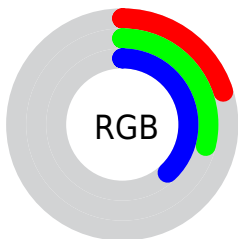
Format	Color
R_{YB}	52, 67, 97
Decimal	3426913
CIE _{Lab}	30.62, -1.60, -16.16
CIE _{LCh}	31, 16.240, 264.331
Yxy	6.4907, 0.2433, 0.2622
Android (android.graphics.Color)	4281616993 (0xFF344A61)
YUV	70.0440, 13.2893, -15.8246
Hunter-Lab	25.4768, -2.3878, -10.6621

Details

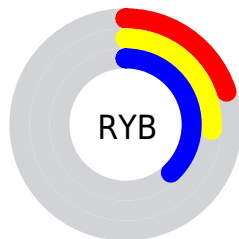
The YUV color **70.0440, 13.2893, -15.8246** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **78.9560, -13.2893, 15.8246**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.2720, 14.1629, -16.0245**, and **24.9080, 12.8634, -19.2133** is the 20% darker color. If you saturate the color by 10%, you get **64.1190, 16.2103, -19.3984**, and if you desaturate by 10%, it is **75.9690, 10.3683, -12.2508**.

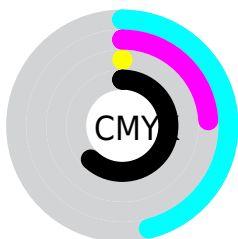
Distribution



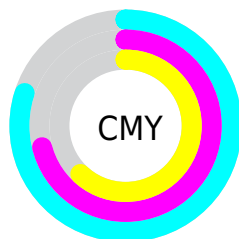
- Red (20%)
- Green (29%)
- Blue (38%)



- Red (20%)
- Yellow (26%)
- Blue (38%)



- Cyan (46%)
- Magenta (24%)
- Yellow (0%)
- Black (62%)



- Cyan (80%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.0440, 13.2893, -15.8246 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 70.0440, 13.2893, -15.8246 by changing the saturation by 10% instead.

■ 70.0440, 13.2893,
-15.8246

■ 70.0440, 13.2893,
-15.8246

■ 255.0000, 0.0000,
0.0000

■ 47.2180, 12.7105,
-16.8542

■ 119.2720, 14.1629,
-16.0245

■ 24.9080, 12.8634,
-19.2133

■ 144.6850, 14.4523,
-15.5097

■ 6.3550, 11.6570,
-5.5733

■ 171.5000, 15.0365,
-16.2245

■ 0.0000, 0.0000,
0.0000

■ 198.6140, 15.4733,
-16.3245

■ 226.2720, 14.1629,
-16.0245

■ 249.3190, 2.8007,

-11.6808

■ 70.0440, 13.2893,
-15.8246

■ 70.0440, 13.2893,
-15.8246

■ 64.1190, 16.2103,
-19.3984

■ 75.9690, 10.3683,
-12.2508

■ 58.4930, 18.9840,
-22.3574

■ 81.5950, 7.5947,
-9.2918

■ 52.5680, 21.9050,
-25.9311

■ 87.5200, 4.6736,
-5.7180

■ 46.6430, 24.8260,
-29.5049

■ 93.4450, 1.7526,
-2.1443

■ 41.0170, 27.5996,
-32.4639

■ 99.3700, -1.1684,
1.4295

■ 38.6470, 28.7680,
-33.8934

■ 104.9960, -3.9420,
4.3885

■ 110.9210, -6.8631,
7.9623

■ 116.8460, -9.7841,
11.5361

■ 122.4720,
-12.5577, 14.4951

Harmonies

Analogous

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



66.4510, 12.5957, -26.7055



70.0440, 13.2893, -15.8246



73.1490, 10.7725, -1.8847

Triad

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



70.0440, 13.2893, -15.8246



73.0520, -5.4486, 21.0024



68.4410, -5.6404, -10.9108

Complementary

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



70.0440, 13.2893, -15.8246



78.9560, -13.2893, 15.8246

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.



69.9540, -10.3303, 0.0403



70.0440, 13.2893, -15.8246



72.4770, -10.0952, 17.9987

Square

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



70.0440, 13.2893, -15.8246



73.9360, 0.5246, 18.4731



71.2650, -11.9626, 10.2916



66.4980, 1.2335, -22.3617

Rectangle

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



70.0440, 13.2893, -15.8246



73.8080, 7.9827, 6.3074



71.2650, -11.9626, 10.2916



69.5940, -7.6878, -7.5369

Sweetspot

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



70.0440, 13.2893, -15.8246



114.3350, 5.2578, -6.4328



81.0370, -2.9762, -25.4654



57.1890, 3.3578, -3.6738



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



70.0440, 13.2893, -15.8246



82.9380, 20.7366, -24.5016



57.1300, 19.6559, -4.4990



45.6300, 1.1684, -1.4295



45.0530, 33.0049, -39.5115



96.0390, 70.9728, -84.2262

Inverse Universe

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



67.9630, 2.9762, 25.4654



79.8060, 4.5326, 39.6351



91.8700, -19.6559, 4.4990



45.4240, 0.2840, 2.2592



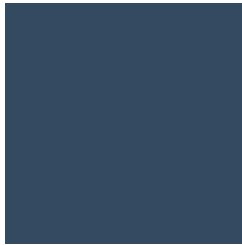
39.7580, 7.5143, 63.3562



85.0980, 15.7277, 135.8491

Previews

White Background



This preview shows how the YUV color 70.0440, 13.2893, -15.8246 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 70.0440, 13.2893, -15.8246 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

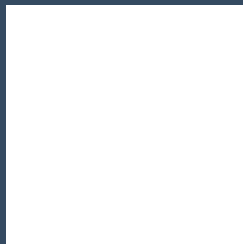
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 70.0440, 13.2893, -15.8246

Background



This preview shows how black text looks on a background with the YUV color 70.0440, 13.2893, -15.8246.

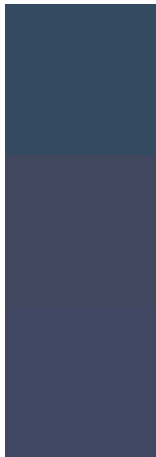


This preview shows how white text looks on a background with the YUV color 70.0440, 13.2893, -15.8246.

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

70.0440, 13.2893, -15.8246

Protanopia

71.9420, 11.3676, -6.0881

Deuteranopia

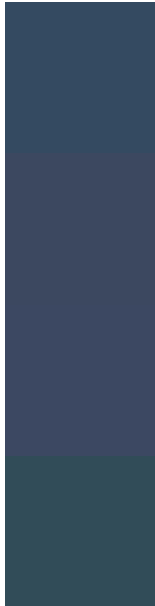
71.9850, 12.8254, -7.0028



Tritanopia

69.0130, 6.8956, -18.4284

Trichromacy



Original Color

70.0440, 13.2893, -15.8246

Protanomaly

71.1480, 12.2520, -9.7768

Deuteranomaly

71.3760, 13.1256, -9.9768

Tritanomaly

69.2950, 9.2216, -17.7987

Monochromacy



Original Color

70.0440, 13.2893, -15.8246

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.6340, 5.1104, -5.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.0440, 13.2893, -15.8246 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(52, 74, 97)` looks like.

```
.text, #text, p{  
    color:rgb(52, 74, 97)  
}
```

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(52, 74, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 74, 97) }
```

Border

The CSS property to change the border of an element to YUV 70.0440, 13.2893, -15.8246 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(52, 74, 97) }
```


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

```
.border{ border-color:rgb(52, 74, 97) }
```

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

Here you see how a box with a 4 pixel rgb(52, 74, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 74, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 74, 97);  
box-shadow:4px 4px 4px 4px rgb(52, 74, 97)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.0440, 13.2893, -15.8246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 74, 97) }
```

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

```
.background{ background-color: rgb(52, 74,  
97) }
```

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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