

Converting Colors

YUV(70.4740, 4.6963, 33.7873)

Have a look what the booklet for
YUV(70.4740, 4.6963, 33.7873)
contains.

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Color

**YUV(70.4740, 4.6963,
33.7873)**

Conversions

Conversions Part 1

Format	Color
Hex	6D3150
RGB	109, 49, 80
RGB Percent	43%, 19%, 31%
CMY	0.5725, 0.8078, 0.6863
CMYK	0.00, 0.55, 0.27, 0.57
HSL	329°, 38%, 31%
HSV	329°, 55%, 43%
XYZ	8.8530, 6.0270, 8.2861
YIQ	70.4740, 25.8090, 22.3610

Conversions

Conversions Part 2

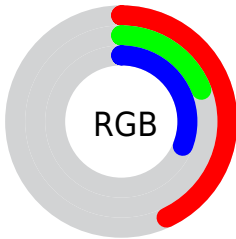
Format	Color
R_{YB}	109, 49, 80
Decimal	7156048
CIE _{Lab}	29.48, 30.61, -6.34
CIE _{LCh}	29, 31.261, 348.300
Yxy	6.0270, 0.3822, 0.2602
Android (android.graphics.Color)	4285346128 (0xFF6D3150)
YUV	70.4740, 4.6963, 33.7873
Hunter-Lab	24.5500, 21.4063, -2.8266

Details

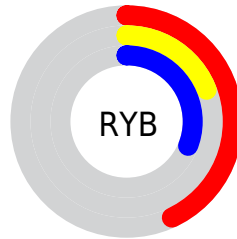
The YUV color **70.4740, 4.6963, 33.7873** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **87.5260, -4.6963, -33.7873**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.6700, 4.1067, 36.2464**, and **22.3320, 6.7383, 32.1578** is the 20% darker color. If you saturate the color by 10%, you get **63.4470, 5.6956, 39.9500**, and if you desaturate by 10%, it is **77.5010, 3.6970, 27.6246**.

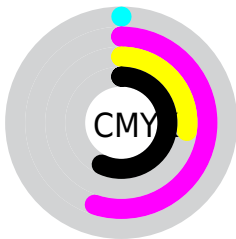
Distribution



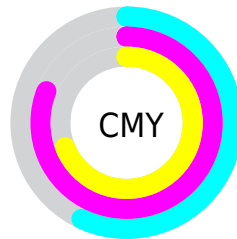
- Red (43%)
- Green (19%)
- Blue (31%)



- Red (43%)
- Yellow (19%)
- Blue (31%)



- Cyan (0%)
- Magenta (55%)
- Yellow (27%)
- Black (57%)



- Cyan (57%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.4740, 4.6963, 33.7873 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 70.4740, 4.6963, 33.7873 by changing the saturation by 10% instead.

70.4740, 4.6963,
33.7873

70.4740, 4.6963,
33.7873

255.0000, 0.0000,
0.0000

45.9900, 5.4279,
32.4578

120.6700, 4.1067,
36.2464

22.3320, 6.7383,
32.1578

146.6810, 4.1013,
37.9908

13.2570, 0.3663,
22.5766

173.9800, 3.9539,
38.6055

0.0000, 0.0000,
0.0000

201.6920, 4.0958,
39.7351

223.1250, 7.3334,
27.9544

242.0860, 6.3666,

11.3256

■ 70.4740, 4.6963,
33.7873

■ 70.4740, 4.6963,
33.7873

■ 63.4470, 5.6956,
39.9500

■ 77.5010, 3.6970,
27.6246

■ 56.3060, 6.2581,
46.2126

■ 84.6420, 3.1345,
21.3620

■ 49.2790, 7.2575,
52.3753

■ 91.6690, 2.1352,
15.1993

■ 42.2520, 8.2568,
58.5380

■ 98.6960, 1.1359,
9.0366

■ 38.9750, 8.3933,
61.4119

■ 105.7230, 0.1366,
2.8739

■ 112.2770, -0.1366,
-2.8739

■ 119.3040, -1.1359,
-9.0366

■ 126.3310, -2.1352,
-15.1993

■ 133.3580, -3.1345,
-21.3620

Harmonies

Analogous

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



71.9970, 14.7915, 15.7886



70.4740, 4.6963, 33.7873



69.2330, -6.5239, 39.2607

Triad

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



70.4740, 4.6963, 33.7873



65.4630, -22.4133, 2.2249



58.9300, 22.7125, -51.6816

Complementary

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



70.4740, 4.6963, 33.7873



87.5260, -4.6963, -33.7873

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.



57.1230, 13.2504, -50.0969



70.4740, 4.6963, 33.7873



61.8500, -12.7440, -19.1624

Square

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



70.4740, 4.6963, 33.7873



67.6440, -23.4885, 20.4832



54.2730, 2.3304, -47.5974



57.3630, 29.4010, -50.3074

Rectangle

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



70.4740, 4.6963, 33.7873



68.9740, -13.7912, 36.8568



54.2730, 2.3304, -47.5974



58.2460, 20.0917, -51.0817

Sweetspot

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



70.4740, 4.6963, 33.7873



127.5440, 1.7038, 13.5549



64.5110, 21.9331, 11.8299



61.9840, 0.9939, 7.9070



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



70.4740, 4.6963, 33.7873



82.5780, 7.1100, 52.9901



67.0540, -8.4076, 36.7866



50.1360, 0.4260, 3.3887



41.9370, 9.3981, 65.8303



87.6190, 18.9218, 138.0231

Inverse Universe

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



70.4740, 4.6963, 33.7873



82.5780, 7.1100, 52.9901



90.9460, 8.4076, -36.7866



50.1360, 0.4260, 3.3887



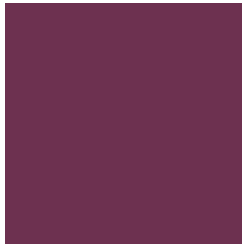
41.9370, 9.3981, 65.8303



87.6190, 18.9218, 138.0231

Previews

White Background



This preview shows how the YUV color 70.4740, 4.6963, 33.7873 looks on a white background.

Color Contrast Check

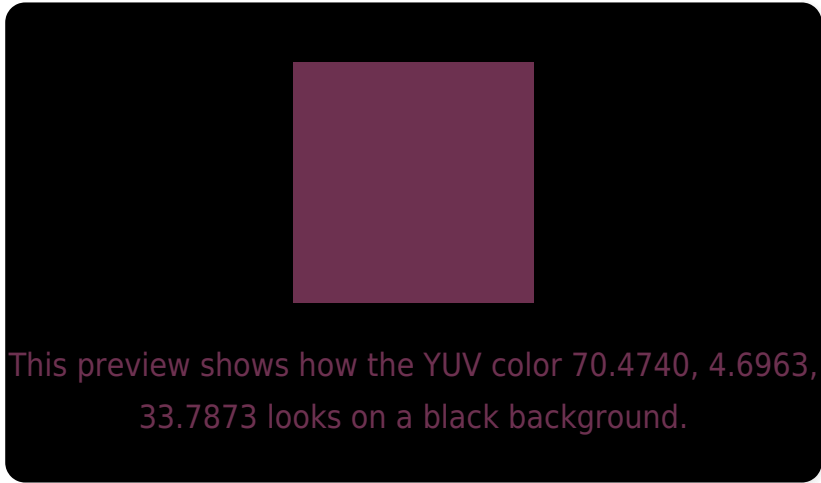
Large Text (above 18pt) WCAG AA ✓ Pass

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

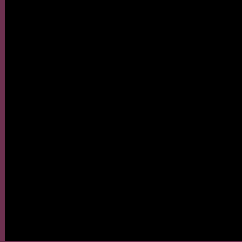
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.4740, 4.6963, 33.7873

Background



This preview shows how black text looks on a background with the YUV color 70.4740, 4.6963, 33.7873.



This preview shows how white text looks on a background with the YUV color 70.4740, 4.6963,

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

70.4740, 4.6963, 33.7873

Protanopia

70.0560, 11.8044, -6.1881

Deuteranopia

70.8200, 3.0467, 2.7889



Tritanopia

70.3030, -6.0654, 32.1833

Trichromacy



Original Color

70.4740, 4.6963, 33.7873

Protanomaly

70.4600, 9.1402, 8.3666

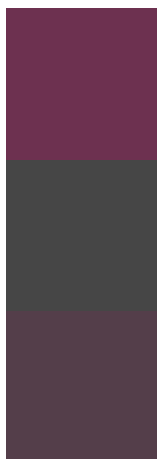
Deuteranomaly

70.7120, 3.5930, 14.2846

Tritanomaly

70.3400, -2.1396, 33.0278

Monochromacy



Original Color

70.4740, 4.6963, 33.7873

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9460, 1.9986, 12.3254

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.4740, 4.6963, 33.7873 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(109, 49, 80)` looks like.

```
.text, #text, p{  
    color:rgb(109, 49, 80)  
}
```

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(109, 49, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 49, 80) }
```

Border

The CSS property to change the border of an element to YUV 70.4740, 4.6963, 33.7873 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(109, 49, 80) }
```


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

```
.border{ border-color:rgb(109, 49, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 49, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 49, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 49, 80);  
box-shadow:4px 4px 4px 4px rgb(109, 49,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 70.4740, 4.6963, 33.7873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 49, 80) }
```

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

```
.background{ background-color: rgb(109, 49,  
80) }
```

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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