

Converting Colors

YUV(70.0840, -7.4364, 5.1883)

Have a look what the booklet for
YUV(70.0840, -7.4364, 5.1883)
contains.

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Color

**YUV(70.0840, -7.4364,
5.1883)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4637
RGB	76, 70, 55
RGB Percent	30%, 27%, 22%
CMY	0.7020, 0.7255, 0.7843
CMYK	0.00, 0.08, 0.28, 0.70
HSL	43°, 16%, 26%
HSV	43°, 28%, 30%
XYZ	5.8602, 6.1927, 4.5009
YIQ	70.0840, 8.3910, -3.3930

Conversions

Conversions Part 2

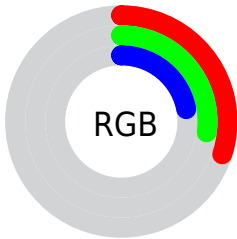
Format	Color
RYB	63, 76, 55
Decimal	4998711
CIELab	29.89, -0.29, 9.97
CIELCh	30, 9.978, 91.655
Yxy	6.1927, 0.3540, 0.3741
Android (android.graphics.Color)	4283188791 (0xFF4C4637)
YUV	70.0840, -7.4364, 5.1883
Hunter-Lab	24.8850, -1.5134, 6.6960




Details

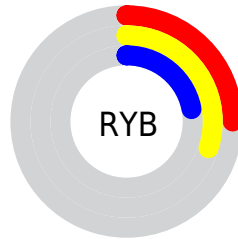
The YUV color **70.0840, -7.4364, 5.1883** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **60.9160, 7.4364, -5.1883**, and the grayscale version is **70.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **118.2690, -8.0206, 5.9031**, and **26.7850, -7.2890, 4.5736** is the 20% darker color. If you saturate the color by 10%, you get **67.9980, -10.3520, 7.0178**, and if you desaturate by 10%, it is **72.1700, -4.5208, 3.3589**.

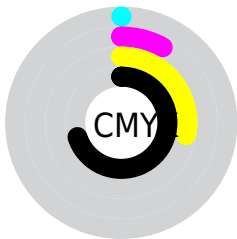
Distribution







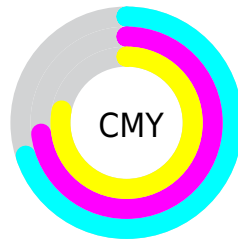
-  Red (30%)
-  Green (27%)
-  Blue (22%)






-  Red (25%)
-  Yellow (30%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (8%)
-  Yellow (28%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (73%)
-  Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.0840, -7.4364, 5.1883 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 70.0840, -7.4364, 5.1883 by changing the saturation by 10% instead.

■ 70.0840, -7.4364,
5.1883

■ 70.0840, -7.4364,
5.1883

■ 255.0000, 0.0000,
0.0000

■ 47.8990, -6.8522,
4.4736

■ 118.2690, -8.0206,
5.9031

■ 26.7850, -7.2890,
4.5736

■ 144.1550, -8.4574,
6.0031

■ 0.0000, 0.0000,
0.0000

■ 170.4540, -8.6048,
6.6178

■ 198.0410, -8.8942,
6.1030

■ 226.2260, -9.4784,
6.8178

■ 252.1330, -8.4466,

2.5144

■ 70.0840, -7.4364,
5.1883

■ 70.0840, -7.4364,
5.1883

■ 67.9980, -10.3520,
7.0178

■ 72.1700, -4.5208,
3.3589

■ 66.0260, -12.8308,
8.7472

■ 74.1420, -2.0420,
1.6295

■ 63.3530, -15.4570,
11.0914

■ 76.8150, 0.5842,
-0.7148

■ 61.3810, -17.9358,
12.8209

■ 78.7870, 3.0630,
-2.4442

■ 59.2950, -20.8514,
14.6503

■ 80.8730, 5.9786,
-4.2736

■ 57.2090, -23.7670,
16.4797

■ 82.9590, 8.8942,
-6.1030

■ 55.2370, -26.2458,
18.2092

■ 84.9310, 11.3730,
-7.8325

■ 54.4220, -26.8300,
18.9239

■ 87.0170, 14.2886,
-9.6619

■ 89.5760, 16.4780,
-11.9062

Harmonies

Analogous

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



70.6440, -6.7265, 10.8362



70.0840, -7.4364, 5.1883



68.7950, -5.8149, -1.5742

Triad

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



70.0840, -7.4364, 5.1883



67.5680, 5.1430, -16.2841



71.8530, 3.0305, 8.0219

Complementary

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



70.0840, -7.4364, 5.1883



60.9160, 7.4364, -5.1883

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.



71.0200, 6.3991, 0.8595



70.0840, -7.4364, 5.1883



68.2740, 7.7529, -13.3953

Square

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



70.0840, -7.4364, 5.1883



67.6670, 1.6432, -13.7400



70.0190, 7.8786, -7.0327



71.8490, -0.9116, 12.4104

Rectangle

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



70.0840, -7.4364, 5.1883



68.9300, -3.9095, -6.0776



70.0190, 7.8786, -7.0327



71.7710, 4.0569, 5.4628

Sweetspot

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



70.0840, -7.4364, 5.1883



96.9140, -2.9156, 1.8294



61.9630, -0.4748, 12.3104



49.8430, -1.8946, 1.0147



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



70.0840, -7.4364, 5.1883



90.0690, -11.3730, 7.8325



72.4100, -8.5831, -0.3596



36.9570, -1.4578, 0.9147



73.3490, -36.1611, 25.1269



165.0380, -81.3637, 56.9717

Inverse Universe

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



60.9160, 7.4364, -5.1883



75.9310, 11.3730, -7.8325



58.5900, 8.5831, 0.3596



35.6300, 1.1684, -1.4295



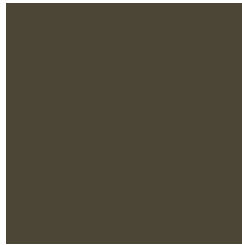
28.6510, 36.1611, -25.1269



64.9620, 81.3637, -56.9717

Previews

White Background



This preview shows how the YUV color 70.0840, -7.4364, 5.1883 looks on a white background.

Color Contrast Check

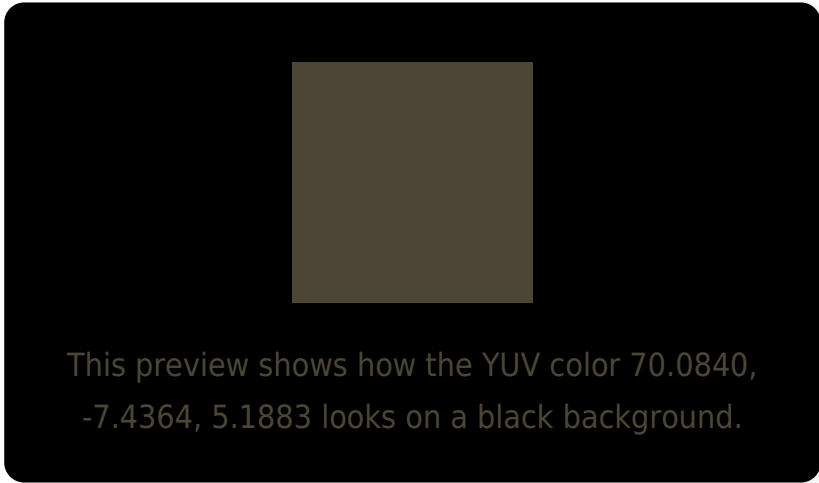
Large Text (above 18pt) WCAG AA ✓ Pass

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

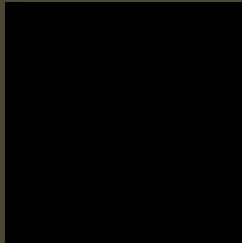
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

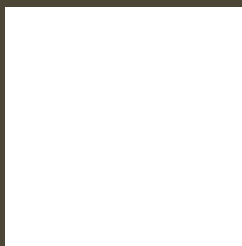
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 70.0840, -7.4364, 5.1883

Background



This preview shows how black text looks on a background with the YUV color 70.0840, -7.4364, 5.1883.

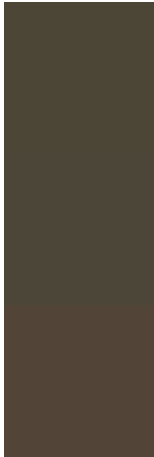


This preview shows how white text looks on a background with the YUV color 70.0840, -7.4364,

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

70.0840, -7.4364, 5.1883

Protanopia

69.7850, -7.2890, 4.5736

Deuteranopia

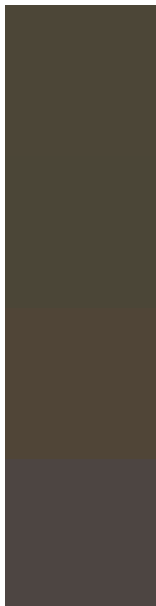
70.7040, -7.7421, 9.9066



Tritanopia

71.5600, 0.7099, 5.6479

Trichromacy



Original Color

70.0840, -7.4364, 5.1883

Protanomaly

69.7850, -7.2890, 4.5736

Deuteranomaly

70.6930, -7.7366, 8.1622

Tritanomaly

71.0500, -2.4896, 5.2182

Monochromacy



Original Color

70.0840, -7.4364, 5.1883

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.0280, -2.4788, 1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.0840, -7.4364, 5.1883 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(76, 70, 55)` looks like.

```
.text, #text, p{  
    color:rgb(76, 70, 55)  
}
```

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(76, 70, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 70, 55) }
```

Border

The CSS property to change the border of an element to YUV 70.0840, -7.4364, 5.1883 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(76, 70, 55) }
```


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

```
.border{ border-color:rgb(76, 70, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 70, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 70, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 70, 55);  
box-shadow:4px 4px 4px 4px rgb(76, 70, 55)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.0840, -7.4364, 5.1883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 70, 55) }
```

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

```
.background{ background-color: rgb(76, 70,  
55) }
```

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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