

Converting Colors

YUV(70.2840, -4.0840, 3.2589)

Have a look what the booklet for
YUV(70.2840, -4.0840, 3.2589)
contains.

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Color

**YUV(70.2840, -4.0840,
3.2589)**

Conversions

Conversions Part 1

Format	Color
Hex	4A463E
RGB	74, 70, 62
RGB Percent	29%, 27%, 24%
CMY	0.7098, 0.7255, 0.7569
CMYK	0.00, 0.05, 0.16, 0.71
HSL	40°, 9%, 27%
HSV	40°, 16%, 29%
XYZ	5.8837, 6.1840, 5.4409
YIQ	70.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

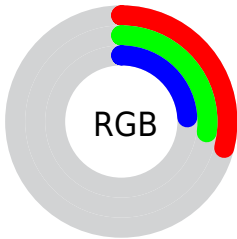
Format	Color
RYB	68, 74, 62
Decimal	4867646
CIELab	29.87, 0.07, 5.42
CIELCh	30, 5.424, 89.286
Yxy	6.1840, 0.3360, 0.3532
Android (android.graphics.Color)	4283057726 (0xFF4A463E)
YUV	70.2840, -4.0840, 3.2589
Hunter-Lab	24.8676, -1.2849, 4.4348

Details

The YUV color **70.2840, -4.0840, 3.2589** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **65.7160, 4.0840, -3.2589**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.4690, -4.6682, 3.9737**, and **27.0990, -3.4998, 2.5442** is the 20% darker color. If you saturate the color by 10%, you get **68.3120, -6.5628, 4.9884**, and if you desaturate by 10%, it is **72.2560, -1.6052, 1.5295**.

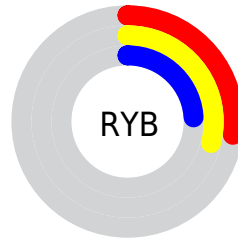
Distribution



Red (29%)

Green (27%)

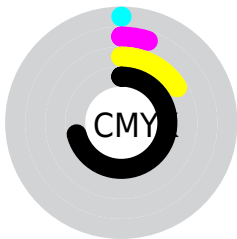
Blue (24%)



Red (27%)

Yellow (29%)

Blue (24%)

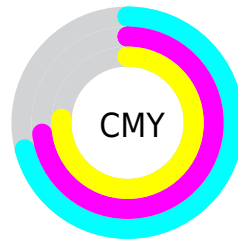


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (71%)



Cyan (71%)

Magenta (73%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.2840, -4.0840, 3.2589 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 70.2840, -4.0840, 3.2589 by changing the saturation by 10% instead.

■ 70.2840, -4.0840,
3.2589

■ 70.2840, -4.0840,
3.2589

■ 255.0000, 0.0000,
0.0000

■ 47.9850, -3.9366,
2.6442

■ 118.4690, -4.6682,
3.9737

■ 27.0990, -3.4998,
2.5442

■ 144.4690, -4.6682,
3.9737

■ 0.0000, 0.0000,
0.0000

■ 170.4690, -4.6682,
3.9737

■ 198.3550, -5.1050,
4.0737

■ 226.3550, -5.1050,
4.0737

■ 253.1590, -4.5154,

1.6146

■ 70.2840, -4.0840,
3.2589

■ 70.2840, -4.0840,
3.2589

■ 68.3120, -6.5628,
4.9884

■ 72.2560, -1.6052,
1.5295

■ 65.6390, -9.1890,
7.3326

■ 74.9290, 1.0210,
-0.8147

■ 63.6670, -11.6678,
9.0620

■ 76.9010, 3.4998,
-2.5442

■ 60.9940, -14.2940,
11.4063

■ 79.5740, 6.1260,
-4.8884

■ 59.0220, -16.7728,
13.1357

■ 81.5460, 8.6048,
-6.6178

■ 56.4630, -18.9623,
15.3799

■ 84.1050, 10.7942,
-8.8621

■ 54.3770, -21.8779,
17.2094

■ 86.1910, 13.7098,
-10.6915

■ 51.8180, -24.0673,
19.4536

■ 88.7500, 15.8993,
-12.9357

■ 50.8890, -25.0883,
20.2683

■ 90.8360, 18.8149,
-14.7652

Harmonies

Analogous

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



71.0070, -3.9475, 6.1329



70.2840, -4.0840, 3.2589



69.4900, -3.1996, -0.4297

Triad

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



70.2840, -4.0840, 3.2589



69.2270, 2.3531, -8.0921



71.1900, 1.8783, 4.2184

Complementary

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



70.2840, -4.0840, 3.2589



65.7160, 4.0840, -3.2589

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.



70.6240, 3.6364, 0.3298



70.2840, -4.0840, 3.2589



69.5800, 3.6581, -6.6477

Square

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



70.2840, -4.0840, 3.2589



69.0700, 0.4585, -7.0774



70.4170, 4.2314, -3.8737



71.6310, -0.3111, 6.4626

Rectangle

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



70.2840, -4.0840, 3.2589



69.4080, -2.1731, -2.9888



70.4170, 4.2314, -3.8737



70.7060, 2.6099, 2.8888

Sweetspot

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



70.2840, -4.0840, 3.2589



95.2560, -1.6052, 1.5295



66.0440, -0.0217, 6.9774



47.1850, -0.5842, 0.7148



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



70.2840, -4.0840, 3.2589



91.3120, -6.5628, 4.9884



72.0340, -4.9468, -0.0298



36.9570, -1.4578, 0.9147



70.4140, -34.7141, 27.7009



158.5810, -78.1804, 62.6345

Inverse Universe

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



65.7160, 4.0840, -3.2589



84.2750, 6.2734, -5.5032



63.9660, 4.9468, 0.0298



35.6300, 1.1684, -1.4295



31.5860, 34.7141, -27.7009



70.8320, 78.4698, -62.1197

Previews

White Background



This preview shows how the YUV color 70.2840, -4.0840, 3.2589 looks on a white background.

Color Contrast Check

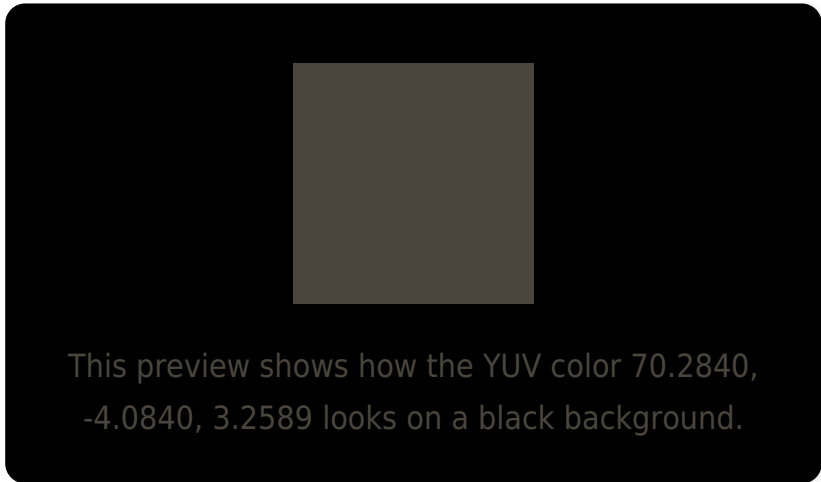
Large Text (above 18pt) WCAG AA ✓ Pass

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

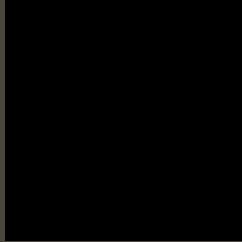
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.2840, -4.0840, 3.2589

Background



This preview shows how black text looks on a background with the YUV color 70.2840, -4.0840, 3.2589.



This preview shows how white text looks on a background with the YUV color 70.2840, -4.0840,

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

70.2840, -4.0840, 3.2589

Protanopia

70.2840, -4.0840, 3.2589

Deuteranopia

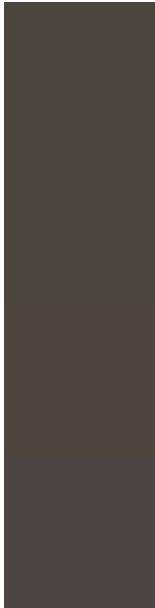
70.9040, -4.3897, 7.9772



Tritanopia

71.0760, 1.4415, 4.3183

Trichromacy



Original Color

70.2840, -4.0840, 3.2589

Protanomaly

70.2840, -4.0840, 3.2589

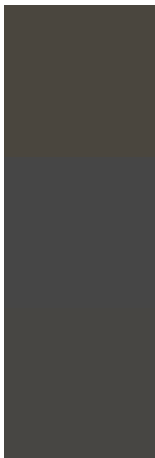
Deuteranomaly

70.8930, -4.3842, 6.2328

Tritanomaly

70.9080, -0.4476, 3.5887

Monochromacy



Original Color

70.2840, -4.0840, 3.2589

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.2840, -4.0840, 3.2589 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(74, 70, 62)` looks like.

```
.text, #text, p{  
    color:rgb(74, 70, 62)  
}
```

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(74, 70, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 70, 62) }
```

Border

The CSS property to change the border of an element to YUV 70.2840, -4.0840, 3.2589 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(74, 70, 62) }
```


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

```
.border{ border-color:rgb(74, 70, 62) }
```

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

Here you see how a box with a 4 pixel rgb(74, 70, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 70, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 70, 62);  
box-shadow:4px 4px 4px 4px rgb(74, 70, 62)  
}
```

Background

The CSS property to change the background color of an element to YUV 70.2840, -4.0840, 3.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 70, 62) }
```

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

```
.background{ background-color: rgb(74, 70,  
62) }
```

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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