

Converting Colors

YUV(43.4840, -0.7316, 1.3295)

Have a look what the booklet for
YUV(43.4840, -0.7316, 1.3295)
contains.

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Color

**YUV(43.4840, -0.7316,
1.3295)**

Conversions

Conversions Part 1

Format	Color
Hex	2D2B2A
RGB	45, 43, 42
RGB Percent	18%, 17%, 16%
CMY	0.8235, 0.8314, 0.8353
CMYK	0.00, 0.04, 0.07, 0.82
HSL	20°, 3%, 17%
HSV	20°, 7%, 18%
XYZ	2.3640, 2.4528, 2.5393
YIQ	43.4840, 1.5130, 0.1130

Conversions

Conversions Part 2

Format	Color
RYB	45, 44, 42
Decimal	2960170
CIELab	17.70, 0.68, 0.97
CIELCh	18, 1.181, 55.122
Yxy	2.4528, 0.3214, 0.3334
Android (android.graphics.Color)	4281150250 (0xFF2D2B2A)
YUV	43.4840, -0.7316, 1.3295
Hunter-Lab	15.6614, -0.4642, 1.3498

Details

The YUV color **43.4840, -0.7316, 1.3295** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.5160, 0.7316, -1.3295**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.7830, -0.8790, 1.9443**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **41.2670, -1.6106, 3.2738**, and if you desaturate by 10%, it is **45.8150, 0.5842, -0.7148**.

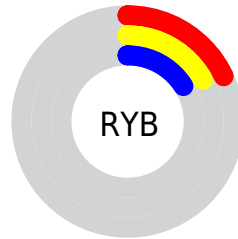
Distribution



Red (18%)

Green (17%)

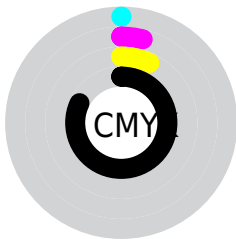
Blue (16%)



Red (18%)

Yellow (17%)

Blue (16%)



Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (82%)



Cyan (82%)

Magenta (83%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.4840, -0.7316, 1.3295 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 43.4840, -0.7316, 1.3295 by changing the saturation by 10% instead.

■ 43.4840, -0.7316,
1.3295

■ 43.4840, -0.7316,
1.3295

255.0000, 0.0000,
0.0000

■ 23.1850, -0.5842,
0.7148

■ 88.7830, -0.8790,
1.9443

■ 0.0000, 0.0000,
0.0000

■ 113.4840, -0.7316,
1.3295

■ 138.7830, -0.8790,
1.9443

■ 164.7830, -0.8790,
1.9443

■ 192.3700, -1.1684,
1.4295

■ 219.7830, -0.8790,

1.9443

■ 248.7830, -0.8790,
1.9443

■ 43.4840, -0.7316,
1.3295

■ 43.4840, -0.7316,
1.3295

■ 41.2670, -1.6106,
3.2738

■ 45.8150, 0.5842,
-0.7148

■ 38.9360, -2.9264,
5.3181

■ 48.0320, 1.4632,
-2.6591

■ 36.7190, -3.8055,
7.2624

■ 50.3630, 2.7790,
-4.7034

■ 34.3880, -5.1213,
9.3067

■ 52.5800, 3.6581,
-6.6477

■ 32.0570, -6.4371,
11.3510

■ 54.9110, 4.9739,
-8.6919

■ 29.8400, -7.3161,
13.2953

■ 57.1280, 5.8529,
-10.6363

■ 27.5090, -8.6319,
15.3396

■ 59.4590, 7.1687,
-12.6805

■ 25.2920, -9.5110,
17.2839

■ 61.6760, 8.0477,
-14.6249

■ 22.9610, -10.8268,
19.3282

■ 64.0070, 9.3635,
-16.6691

Harmonies

Analogous

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



43.5980, -0.2948, 1.2296



43.4840, -0.7316, 1.3295



43.1850, -0.5842, 0.7148

Triad

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



43.4840, -0.7316, 1.3295



43.2880, -0.1420, -1.1296



43.2280, 0.8736, -0.2000

Complementary

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



43.4840, -0.7316, 1.3295



43.5160, 0.7316, -1.3295

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.



42.9290, 1.0210, -0.8147



43.4840, -0.7316, 1.3295



43.1030, 0.4422, -1.8443

Square

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



43.4840, -0.7316, 1.3295



43.1740, -0.5788, -1.0296



43.5160, 0.7316, -1.3295



43.4130, 0.2894, 0.5148

Rectangle

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



43.4840, -0.7316, 1.3295



43.1850, -0.5842, 0.7148



43.5160, 0.7316, -1.3295



43.2280, 0.8736, -0.2000

Sweetspot

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



43.4840, -0.7316, 1.3295



58.1850, -0.5842, 0.7148



43.1250, 0.4314, 1.6444



30.2990, -0.1474, 0.6148



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



43.4840, -0.7316, 1.3295



56.6690, -1.3158, 2.0443



44.6580, -1.3104, 0.2999



21.5980, -0.2948, 1.2296



43.0360, -21.2167, 38.5564



105.6630, -52.0919, 95.0115

Inverse Universe

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



43.5160, 0.7316, -1.3295



56.3310, 1.3158, -2.0443



42.9290, 1.0210, -0.8147



21.8150, 0.5842, -0.7148



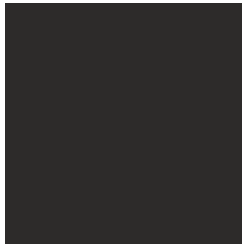
43.9640, 21.2167, -38.5564



108.3370, 52.0919, -95.0115

Previews

White Background



This preview shows how the YUV color 43.4840, -0.7316, 1.3295 looks on a white background.

Color Contrast Check

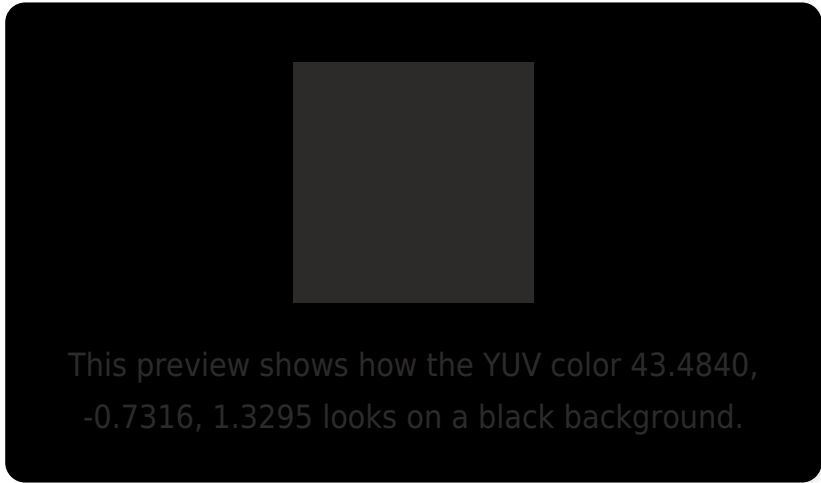
Large Text (above 18pt) WCAG AA ✓ Pass

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

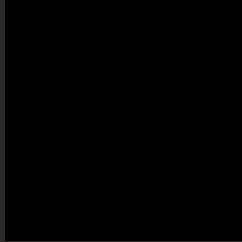
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 43.4840, -0.7316, 1.3295

Background



This preview shows how black text looks on a background with the YUV color 43.4840, -0.7316, 1.3295.



This preview shows how white text looks on a background with the YUV color 43.4840, -0.7316,

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

43.4840, -0.7316, 1.3295

Protanopia

43.1850, -0.5842, 0.7148

Deuteranopia

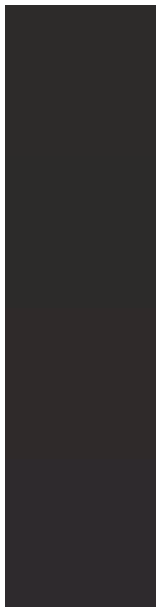
43.7940, -0.8844, 3.6887



Tritanopia

43.6520, 1.1576, 2.0592

Trichromacy



Original Color

43.4840, -0.7316, 1.3295

Protanomaly

43.1850, -0.5842, 0.7148

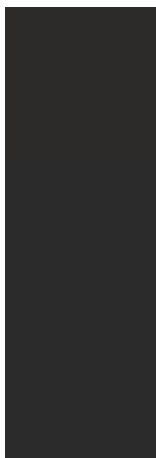
Deuteranomaly

43.4950, -0.7370, 3.0739

Tritanomaly

43.5380, 0.7208, 2.1592

Monochromacy



Original Color

43.4840, -0.7316, 1.3295

Achromatopsia

43.0000, 0.0000, 0.0000

Achromatomaly

43.2990, -0.1474, 0.6148

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.4840, -0.7316, 1.3295 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(45, 43, 42)` looks like.

```
.text, #text, p{  
    color:rgb(45, 43, 42)  
}
```

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(45, 43, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 43, 42) }
```

Border

The CSS property to change the border of an element to YUV 43.4840, -0.7316, 1.3295 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(45, 43, 42) }
```


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

```
.border{ border-color:rgb(45, 43, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 43, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 43, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 43, 42);  
box-shadow:4px 4px 4px 4px rgb(45, 43, 42)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.4840, -0.7316, 1.3295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 43, 42) }
```

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

```
.background{ background-color: rgb(45, 43,  
42) }
```

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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