

Converting Colors

YUV(40.7350, -4.7994, -0.6446)

Have a look what the booklet for
YUV(40.7350, -4.7994, -0.6446)
contains.

YUV(40.7350, -4.7994, -0.6446)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(40.7350, -4.7994,
-0.6446)**

Conversions

Conversions Part 1

Format	Color
Hex	282B1F
RGB	40, 43, 31
RGB Percent	16%, 17%, 12%
CMY	0.8431, 0.8314, 0.8784
CMYK	0.07, 0.00, 0.28, 0.83
HSL	75°, 16%, 15%
HSV	75°, 28%, 17%
XYZ	1.9863, 2.2778, 1.6313
YIQ	40.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

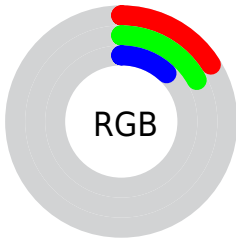
Format	Color
R_{YB}	31, 43, 34
Decimal	2632479
CIE Lab	16.88, -4.01, 7.39
CIE LCh	17, 8.408, 118.502
Yxy	2.2778, 0.3369, 0.3864
Android (android.graphics.Color)	4280822559 (0xFF282B1F)
YUV	40.7350, -4.7994, -0.6446
Hunter-Lab	15.0924, -2.9197, 4.1562

Details

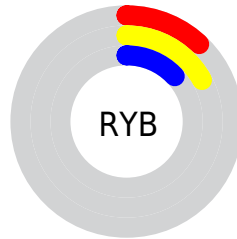
The YUV color **40.7350, -4.7994, -0.6446** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33.2650, 4.7994, 0.6446**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.6210, -5.2362, -0.5446**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **39.9800, -6.3991, -0.8595**, and if you desaturate by 10%, it is **41.4900, -3.1996, -0.4297**.

Distribution



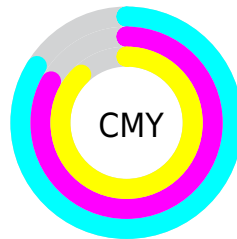
- Red (16%)
- Green (17%)
- Blue (12%)



- Red (12%)
- Yellow (17%)
- Blue (13%)



- Cyan (7%)
- Magenta (0%)
- Yellow (28%)
- Black (83%)



- Cyan (84%)
- Magenta (83%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.7350, -4.7994, -0.6446 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 40.7350, -4.7994, -0.6446 by changing the saturation by 10% instead.

■ 40.7350, -4.7994,
-0.6446

■ 40.7350, -4.7994,
-0.6446

■ 255.0000, 0.0000,
0.0000

■ 20.2790, -6.5465,
-0.2447

■ 85.6210, -5.2362,
-0.5446

■ 0.0000, 0.0000,
0.0000

■ 110.2080, -5.5255,
-1.0594

■ 135.5070, -5.6730,
-0.4446

■ 161.3930, -6.1097,
-0.3447

■ 188.9800, -6.3991,
-0.8595

■ 216.2790, -6.5465,

-0.2447

■ 244.9800, -6.3991,
-0.8595

■ 40.7350, -4.7994,
-0.6446

■ 40.7350, -4.7994,
-0.6446

■ 39.9800, -6.3991,
-0.8595

■ 41.4900, -3.1996,
-0.4297

■ 39.1110, -8.4357,
-0.9743

■ 42.3590, -1.1630,
-0.3148

■ 38.3560, -10.0355,
-1.1892

■ 43.1140, 0.4368,
-0.1000

■ 37.6010, -11.6353,
-1.4041

■ 43.8690, 2.0366,
0.1149

■ 36.7320, -13.6719,
-1.5190

■ 44.7380, 4.0732,
0.2298

■ 35.9770, -15.2717,
-1.7338

■ 45.4930, 5.6730,
0.4446

■ 34.9230, -16.7240,
-2.5635

■ 46.5470, 7.1253,
1.2743

■ 34.8090, -17.1608,
-2.4635

■ 47.3020, 8.7251,
1.4891

■ 48.1710, 10.7617,
1.6040

Harmonies

Analogous

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



41.2410, -5.5418, 4.1736



40.7350, -4.7994, -0.6446



39.6850, -2.3097, -5.8627

Triad

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



40.7350, -4.7994, -0.6446



39.8290, 6.0003, -11.2510



42.3540, -0.1745, 9.3365

Complementary

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



40.7350, -4.7994, -0.6446



33.2650, 4.7994, 0.6446

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.



42.4290, 2.7465, 5.7628



40.7350, -4.7994, -0.6446



40.9760, 6.4208, -6.1180

Square

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



40.7350, -4.7994, -0.6446



39.2480, 3.8217, -12.4955



41.9660, 4.9468, 0.0298



42.5560, -3.2321, 10.0364

Rectangle

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



40.7350, -4.7994, -0.6446



39.5320, -0.2623, -9.2366



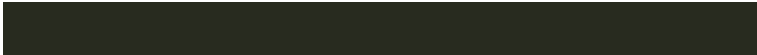
41.9660, 4.9468, 0.0298



42.8700, 0.5571, 8.0070

Sweetspot

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



40.7350, -4.7994, -0.6446



55.2450, -1.5998, -0.2149



36.3490, -2.6371, 5.8329



27.3590, -1.1630, -0.3148



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



40.7350, -4.7994, -0.6446



52.4530, -7.1253, -1.2743



38.9410, -3.9149, -4.3333



19.7720, -0.8736, 0.2000



68.1450, -33.5955, -4.5122



171.9850, -84.7886, -11.3878

Inverse Universe

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



33.2650, 4.7994, 0.6446



41.2480, 7.2727, 0.6595



35.0590, 3.9149, 4.3333



18.5270, 0.7262, 0.4148



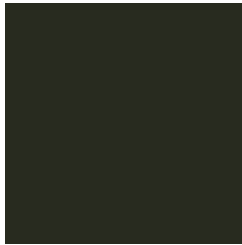
15.8550, 33.5955, 4.5122



40.0150, 84.7886, 11.3878

Previews

White Background



This preview shows how the YUV color 40.7350, -4.7994, -0.6446 looks on a white background.

Color Contrast Check

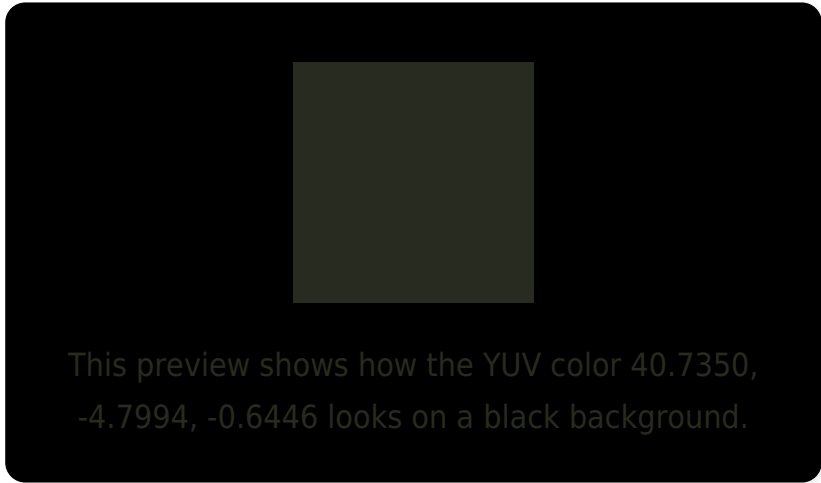
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.7350, -4.7994, -0.6446

Background



This preview shows how black text looks on a background with the YUV color 40.7350, -4.7994, -0.6446.



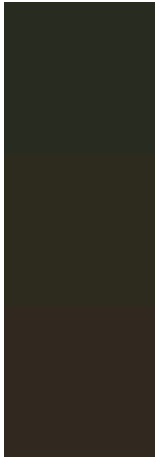
This preview shows how white text looks on a background with the YUV color 40.7350, -4.7994, -0.6446.

-0.6446.

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

40.7350, -4.7994, -0.6446

Protanopia

41.5290, -5.6838, 3.0441

Deuteranopia

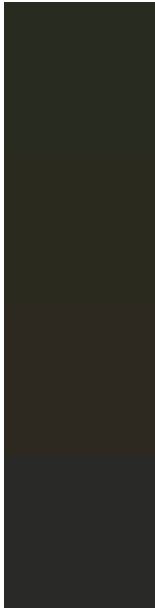
41.7790, -4.8210, 6.3328



Tritanopia

41.7550, 1.5998, 0.2149

Trichromacy



Original Color

40.7350, -4.7994, -0.6446

Protanomaly

40.9310, -5.3890, 1.8145

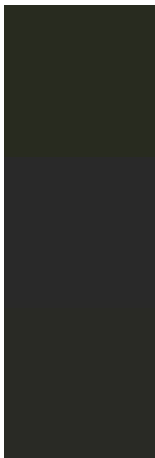
Deuteranomaly

41.4690, -4.6682, 3.9737

Tritanomaly

41.4730, -0.7262, -0.4148

Monochromacy



Original Color

40.7350, -4.7994, -0.6446

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.1310, -2.0366, -0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.7350, -4.7994, -0.6446 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(40, 43, 31)` looks like.

```
.text, #text, p{  
    color:rgb(40, 43, 31)  
}
```

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(40, 43, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 43, 31) }
```

Border

The CSS property to change the border of an element to YUV 40.7350, -4.7994, -0.6446 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(40, 43, 31) }
```


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

```
.border{ border-color:rgb(40, 43, 31) }
```

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

Here you see how a box with a 4 pixel rgb(40, 43, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 43, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 43, 31);  
box-shadow:4px 4px 4px 4px rgb(40, 43, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.7350, -4.7994, -0.6446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 43, 31) }
```

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

```
.background{ background-color: rgb(40, 43,  
31) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor