

Converting Colors

YUV(40.0670, -4.9630, 5.2032)

Have a look what the booklet for
YUV(40.0670, -4.9630, 5.2032)
contains.

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Color

**YUV(40.0670, -4.9630,
5.2032)**

Conversions

Conversions Part 1

Format	Color
Hex	2E271E
RGB	46, 39, 30
RGB Percent	18%, 15%, 12%
CMY	0.8196, 0.8471, 0.8824
CMYK	0.00, 0.15, 0.35, 0.82
HSL	34°, 21%, 15%
HSV	34°, 35%, 18%
XYZ	2.0866, 2.1256, 1.5286
YIQ	40.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

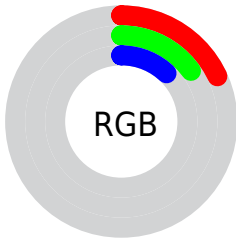
Format	Color
R_{YB}	42, 46, 30
Decimal	3024670
CIE _{Lab}	16.13, 1.50, 7.15
CIE _{LCh}	16, 7.309, 78.178
Yxy	2.1256, 0.3635, 0.3703
Android (android.graphics.Color)	4281214750 (0xFF2E271E)
YUV	40.0670, -4.9630, 5.2032
Hunter-Lab	14.5795, 0.0323, 3.9893

Details

The YUV color **40.0670, -4.9630, 5.2032** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35.9330, 4.9630, -5.2032**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.2520, -5.5472, 5.9180**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **38.3230, -6.5682, 6.7327**, and if you desaturate by 10%, it is **41.8110, -3.3578, 3.6738**.

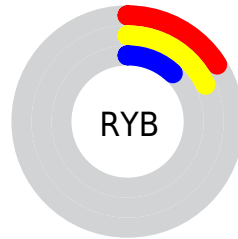
Distribution



Red (18%)

Green (15%)

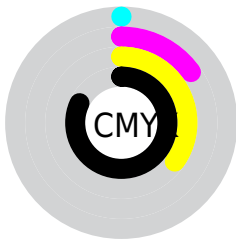
Blue (12%)



Red (16%)

Yellow (18%)

Blue (12%)

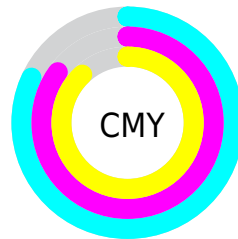


Cyan (0%)

Magenta (15%)

Yellow (35%)

Black (82%)



Cyan (82%)

Magenta (85%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.0670, -4.9630, 5.2032 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 40.0670, -4.9630, 5.2032 by changing the saturation by 10% instead.

■ 40.0670, -4.9630,
5.2032

■ 40.0670, -4.9630,
5.2032

■ 255.0000, 0.0000,
0.0000

■ 18.9100, -6.8576,
6.2179

■ 85.2520, -5.5472,
5.9180

■ 0.0000, 0.0000,
0.0000

■ 109.4370, -6.1314,
6.6328

■ 134.4370, -6.1314,
6.6328

■ 160.7360, -6.2788,
7.2475

■ 187.7360, -6.2788,
7.2475

■ 215.6220, -6.7156,

7.3475

■ 243.9210, -6.8631,
7.9623

■ 40.0670, -4.9630,
5.2032

■ 40.0670, -4.9630,
5.2032

■ 38.3230, -6.5682,
6.7327

■ 41.8110, -3.3578,
3.6738

■ 36.6930, -7.7366,
8.1622

■ 43.4410, -2.1894,
2.2442

■ 34.9490, -9.3419,
9.6917

■ 45.1850, -0.5842,
0.7148

■ 33.3190, -10.5103,
11.1212

■ 46.8150, 0.5842,
-0.7148

■ 31.5750, -12.1155,
12.6507

■ 48.5590, 2.1894,
-2.2442

■ 29.8310, -13.7207,
14.1802

■ 50.3030, 3.7946,
-3.7737

■ 29.0160, -14.3049,
14.8950

■ 51.9330, 4.9630,
-5.2032

■ 53.6770, 6.5682,
-6.7327

■ 55.3070, 7.7366,
-8.1622

Harmonies

Analogous

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



40.4310, -3.6635, 8.3920



40.0670, -4.9630, 5.2032



39.7460, -4.8048, 1.0998

Triad

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



40.0670, -4.9630, 5.2032



37.9170, 2.5059, -10.4512



41.1190, 2.8993, 3.4036

Complementary

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



40.0670, -4.9630, 5.2032



35.9330, 4.9630, -5.2032

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.



39.9550, 4.9522, -1.7145



40.0670, -4.9630, 5.2032



38.1990, 4.8319, -9.8215

Square

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



40.0670, -4.9630, 5.2032



38.2440, -0.1203, -8.1070



39.3350, 5.2578, -6.4328



41.1580, 0.4151, 6.8774

Rectangle

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



40.0670, -4.9630, 5.2032



39.3650, -3.6309, -2.0741



39.3350, 5.2578, -6.4328



40.6350, 3.6309, 2.0741

Sweetspot

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



40.0670, -4.9630, 5.2032



56.5550, -1.7526, 2.1443



35.5820, 0.6991, 9.1366



29.3700, -1.1684, 1.4295



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.



40.0670, -4.9630, 5.2032



49.6930, -7.7366, 8.1622



43.8770, -6.8414, 0.9849



22.1850, -0.5842, 0.7148



54.7760, -27.0046, 28.2604



134.4260, -66.2720, 69.7864

Inverse Universe

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



35.9330, 4.9630, -5.2032



43.3070, 7.7366, -8.1622



32.1230, 6.8414, -0.9849



21.8150, 0.5842, -0.7148



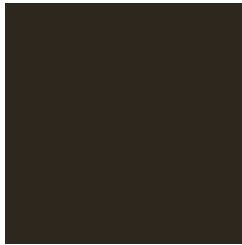
32.2240, 27.0046, -28.2604



79.5740, 66.2720, -69.7864

Previews

White Background



This preview shows how the YUV color 40.0670, -4.9630, 5.2032 looks on a white background.

Color Contrast Check

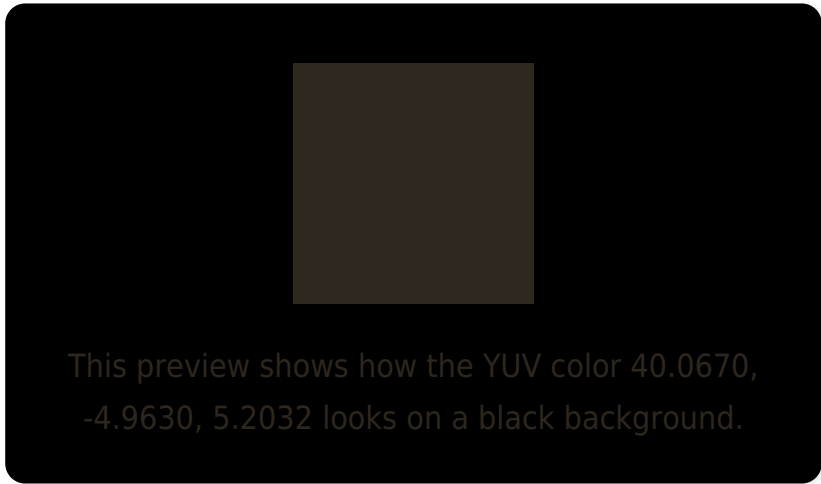
Large Text (above 18pt) WCAG AA ✓ Pass

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

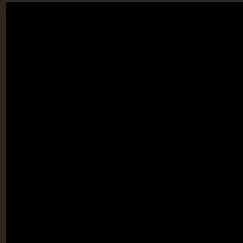
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.0670, -4.9630, 5.2032

Background



This preview shows how black text looks on a background with the YUV color 40.0670, -4.9630, 5.2032.



This preview shows how white text looks on a background with the YUV color 40.0670, -4.9630,

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

40.0670, -4.9630, 5.2032

Protanopia

39.7570, -4.8102, 2.8441

Deuteranopia

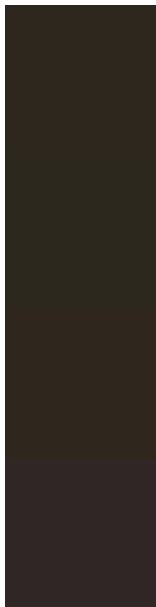
39.7790, -4.8210, 6.3328



Tritanopia

41.0330, -0.0163, 5.2331

Trichromacy



Original Color

40.0670, -4.9630, 5.2032

Protanomaly

40.0560, -4.9576, 3.4589

Deuteranomaly

39.7790, -4.8210, 6.3328

Tritanomaly

40.5770, -1.7635, 5.6330

Monochromacy



Original Color

40.0670, -4.9630, 5.2032

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

40.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.0670, -4.9630, 5.2032 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(46, 39, 30)` looks like.

```
.text, #text, p{  
    color:rgb(46, 39, 30)  
}
```

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(46, 39, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 39, 30) }
```

Border

The CSS property to change the border of an element to YUV 40.0670, -4.9630, 5.2032 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(46, 39, 30) }
```


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

```
.border{ border-color:rgb(46, 39, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 39, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 39, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 39, 30);  
box-shadow:4px 4px 4px 4px rgb(46, 39, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.0670, -4.9630, 5.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 39, 30) }
```

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

```
.background{ background-color: rgb(46, 39,  
30) }
```

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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