

Converting Colors

YUV(38.0440, -0.0217, 6.9774)

Have a look what the booklet for
YUV(38.0440, -0.0217, 6.9774)
contains.

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Color

**YUV(38.0440, -0.0217,
6.9774)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2226
RGB	46, 34, 38
RGB Percent	18%, 13%, 15%
CMY	0.8196, 0.8667, 0.8510
CMYK	0.00, 0.26, 0.17, 0.82
HSL	340°, 15%, 16%
HSV	340°, 26%, 18%
XYZ	2.0486, 1.8648, 2.0857
YIQ	38.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

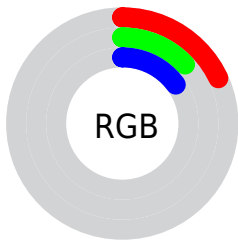
Format	Color
R_YB	46, 34, 38
Decimal	3023398
CIE Lab	14.76, 6.56, -0.48
CIE LCh	15, 6.573, 355.844
Yxy	1.8648, 0.3415, 0.3109
Android (android.graphics.Color)	4281213478 (0xFF2E2226)
YUV	38.0440, -0.0217, 6.9774
Hunter-Lab	13.6559, 2.8799, 0.5036

Details

The YUV color **38.0440, -0.0217, 6.9774** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41.9560, 0.0217, -6.9774**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.7560, 0.1203, 8.1070**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.7670, 0.1149, 9.8513**, and if you desaturate by 10%, it is **41.3210, -0.1583, 4.1035**.

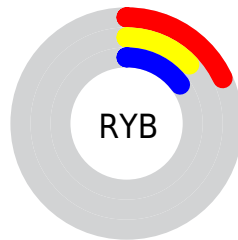
Distribution



Red (18%)

Green (13%)

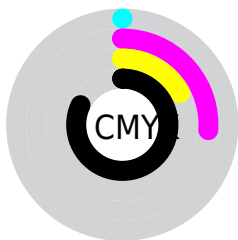
Blue (15%)



Red (18%)

Yellow (13%)

Blue (15%)

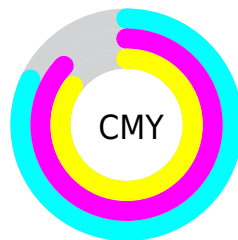


Cyan (0%)

Magenta (26%)

Yellow (17%)

Black (82%)



Cyan (82%)

Magenta (87%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.0440, -0.0217, 6.9774 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 38.0440, -0.0217, 6.9774 by changing the saturation by 10% instead.

■ 38.0440, -0.0217,
6.9774

■ 38.0440, -0.0217,
6.9774

■ 255.0000, 0.0000,
0.0000

■ 16.7560, 0.1203,
8.1070

■ 82.7560, 0.1203,
8.1070

■ 0.0000, 0.0000,
0.0000

■ 107.0550, -0.0271,
8.7218

■ 132.0550, -0.0271,
8.7218

■ 158.3540, -0.1745,
9.3365

■ 185.3540, -0.1745,
9.3365

■ 213.3540, -0.1745,

9.3365

■ 241.6530, -0.3219,
9.9513

■ 38.0440, -0.0217,
6.9774

■ 38.0440, -0.0217,
6.9774

■ 34.7670, 0.1149,
9.8513

■ 41.3210, -0.1583,
4.1035

■ 32.0770, -0.0380,
12.2105

■ 44.0110, -0.0054,
1.7444

■ 28.8000, 0.0986,
15.0844

■ 47.2880, -0.1420,
-1.1296

■ 26.1100, -0.0542,
17.4435

■ 49.9780, 0.0108,
-3.4887

■ 22.8330, 0.0823,
20.3175

■ 53.2550, -0.1257,
-6.3626

■ 19.5560, 0.2189,
23.1914

■ 56.5320, -0.2623,
-9.2366

■ 16.8660, 0.0661,
25.5505

■ 59.2220, -0.1094,
-11.5957

■ 15.4640, -0.2288,
26.7801

■ 62.6130, 0.1908,
-14.5696

■ 65.3030, 0.3436,
-16.9287

Harmonies

Analogous

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



38.1900, 1.8783, 4.2184



38.0440, -0.0217, 6.9774



37.7730, -2.3531, 8.0921

Triad

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



38.0440, -0.0217, 6.9774



36.3760, -3.6364, -0.3298



35.7970, 4.5371, -8.5920

Complementary

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



38.0440, -0.0217, 6.9774



41.9560, 0.0217, -6.9774

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.



35.6290, 2.6479, -9.3216



38.0440, -0.0217, 6.9774



35.8100, -1.8783, -4.2184

Square

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



38.0440, -0.0217, 6.9774



37.1700, -4.5208, 3.3589



35.6570, 0.1691, -7.5922



36.8190, 4.5262, -5.1033

Rectangle

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



38.0440, -0.0217, 6.9774



37.8330, -3.3687, 7.1625



35.6570, 0.1691, -7.5922



35.3840, 4.2477, -9.1068

Sweetspot

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



38.0440, -0.0217, 6.9774



55.7230, 0.1366, 2.8739



37.7600, 4.0623, 3.7185



29.0110, -0.0054, 1.7444



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.



38.0440, -0.0217, 6.9774



46.4790, 0.2569, 10.9809



38.7620, -2.3477, 6.3477



21.5980, -0.2948, 1.2296



29.3190, -0.1573, 50.5862



72.0800, -0.5324, 124.4638

Inverse Universe

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



38.0440, -0.0217, 6.9774



46.4790, 0.2569, 10.9809



41.2380, 2.3477, -6.3477



21.5980, -0.2948, 1.2296



29.3190, -0.1573, 50.5862



72.0800, -0.5324, 124.4638

Previews

White Background



This preview shows how the YUV color 38.0440, -0.0217, 6.9774 looks on a white background.

Color Contrast Check

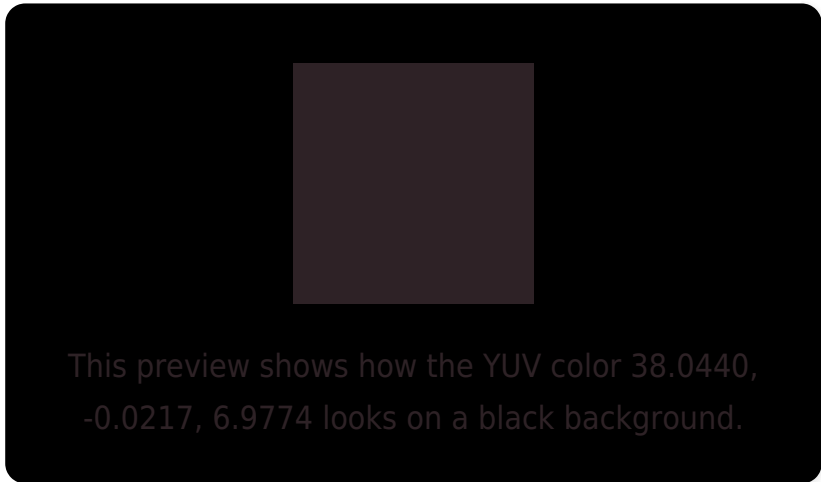
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.0440, -0.0217, 6.9774

Background



This preview shows how black text looks on a background with the YUV color 38.0440, -0.0217, 6.9774.

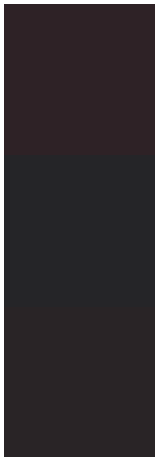


This preview shows how white text looks on a background with the YUV color 38.0440, -0.0217,

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

38.0440, -0.0217, 6.9774

Protanopia

37.3420, 1.3104, -0.2999

Deuteranopia

37.7230, 0.1366, 2.8739



Tritanopia

37.9300, -0.4585, 7.0774

Trichromacy



Original Color

38.0440, -0.0217, 6.9774

Protanomaly

37.5380, 0.7208, 2.1592

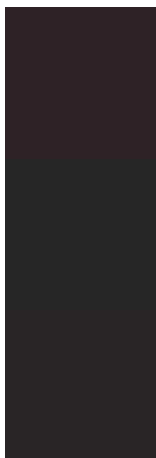
Deuteranomaly

37.7340, 0.1311, 4.6183

Tritanomaly

37.9300, -0.4585, 7.0774

Monochromacy



Original Color

38.0440, -0.0217, 6.9774

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.3100, -0.1528, 2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.0440, -0.0217, 6.9774 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, 34, 38)` looks like.

```
.text, #text, p{  
    color:rgb(46, 34, 38)  
}
```

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, 34, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 34, 38) }
```

Border

The CSS property to change the border of an element to YUV 38.0440, -0.0217, 6.9774 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, 34, 38) }
```


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

```
.border{ border-color:rgb(46, 34, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 34, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 34, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 34, 38);  
box-shadow:4px 4px 4px 4px rgb(46, 34, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.0440, -0.0217, 6.9774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 34, 38) }
```

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

```
.background{ background-color: rgb(46, 34,  
38) }
```

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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