

Converting Colors

YUV(40.8310, 3.0413, 4.5332)

Have a look what the booklet for
YUV(40.8310, 3.0413, 4.5332)
contains.

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Color

**YUV(40.8310, 3.0413,
4.5332)**

Conversions

Conversions Part 1

Format	Color
Hex	2E252F
RGB	46, 37, 47
RGB Percent	18%, 15%, 18%
CMY	0.8196, 0.8549, 0.8157
CMYK	0.02, 0.21, 0.00, 0.82
HSL	294°, 12%, 16%
HSV	294°, 21%, 18%
XYZ	2.3014, 2.1092, 2.9751
YIQ	40.8310, 2.1540, 5.0180

Conversions

Conversions Part 2

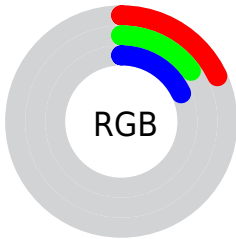
Format	Color
R_YB	46, 37, 47
Decimal	3024175
CIE _{Lab}	16.05, 6.50, -4.98
CIE _{LCh}	16, 8.191, 322.553
Yxy	2.1092, 0.3116, 0.2856
Android (android.graphics.Color)	4281214255 (0xFF2E252F)
YUV	40.8310, 3.0413, 4.5332
Hunter-Lab	14.5231, 2.8701, -1.9797

Details

The YUV color **40.8310, 3.0413, 4.5332** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.1690, -3.0413, -4.5332**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.2440, 3.3307, 5.0480**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.8960, 4.4883, 7.1072**, and if you desaturate by 10%, it is **43.7660, 1.5944, 1.9592**.

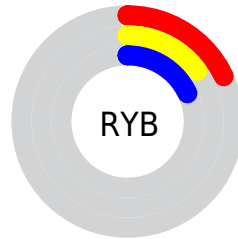
Distribution



Red (18%)

Green (15%)

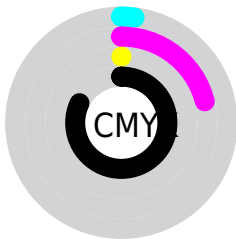
Blue (18%)



Red (18%)

Yellow (15%)

Blue (18%)

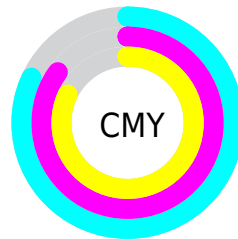


Cyan (2%)

Magenta (21%)

Yellow (0%)

Black (82%)



Cyan (82%)

Magenta (85%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.8310, 3.0413, 4.5332 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 40.8310, 3.0413, 4.5332 by changing the saturation by 10% instead.

■ 40.8310, 3.0413,
4.5332

■ 40.8310, 3.0413,
4.5332

■ 255.0000, 0.0000,
0.0000

■ 20.1300, 2.8939,
5.1480

■ 86.2440, 3.3307,
5.0480

■ 0.0000, 0.0000,
0.0000

■ 110.2440, 3.3307,
5.0480

■ 135.6570, 3.6201,
5.5628

■ 161.7710, 4.0569,
5.4628

■ 189.0700, 3.9095,
6.0776

■ 217.0700, 3.9095,

6.0776

245.0700, 3.9095,
6.0776

40.8310, 3.0413,
4.5332

40.8310, 3.0413,
4.5332

37.8960, 4.4883,
7.1072

43.7660, 1.5944,
1.9592

35.2490, 5.7932,
8.5516

46.4130, 0.2894,
0.5148

32.3140, 7.2402,
11.1256

49.3480, -1.1576,
-2.0592

29.0800, 8.8346,
13.0848

52.5820, -2.7519,
-4.0184

26.7320, 9.9921,
15.1440

55.5170, -4.1989,
-6.5924

■ 23.4980, 11.5865,
17.1033

■ 58.1640, -5.5039,
-8.0368

■ 20.5630, 13.0334,
19.6772

■ 61.0990, -6.9508,
-10.6108

■ 17.9160, 14.3384,
21.1217

■ 64.3330, -8.5452,
-12.5700

■ 66.6810, -9.7027,
-14.6292

Harmonies

Analogous

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



40.3680, 5.2416, -1.1997



40.8310, 3.0413, 4.5332



41.1690, 0.4097, 8.6218

Triad

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



40.8310, 3.0413, 4.5332



39.8390, -5.8366, 5.4032



37.4330, 3.2375, -11.7807

Complementary

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



40.8310, 3.0413, 4.5332



43.1690, -3.0413, -4.5332

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.



37.6460, 0.1745, -9.3365



40.8310, 3.0413, 4.5332



39.3330, -5.0942, 0.5850

Square

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



40.8310, 3.0413, 4.5332



40.2030, -4.5371, 8.5920



38.2830, -2.6045, -4.6332



37.7150, 5.5635, -11.1511

Rectangle

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



40.8310, 3.0413, 4.5332



41.0120, -1.4849, 9.6365



38.2830, -2.6045, -4.6332



37.2050, 2.3639, -11.5808

Sweetspot

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



40.8310, 3.0413, 4.5332



59.2390, 0.8682, 1.5444



38.7270, 4.0786, -1.5146



28.9400, 1.0156, 0.9296



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.



40.8310, 3.0413, 4.5332



51.3090, 4.7777, 7.6220



40.6740, 1.1467, 5.5479



21.8260, 0.5788, 1.0296



33.2400, 26.5037, 39.2545



82.1030, 65.0252, 97.2567

Inverse Universe

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



40.1040, -1.0373, 6.0478



50.0120, -1.4849, 9.6365



43.3260, -1.1467, -5.5479



21.5980, -0.2948, 1.2296



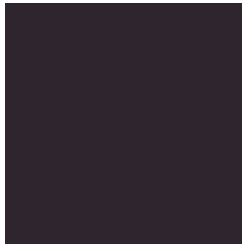
27.0390, -8.8932, 52.5858



66.3800, -22.3723, 129.4627

Previews

White Background



This preview shows how the YUV color 40.8310, 3.0413, 4.5332 looks on a white background.

Color Contrast Check

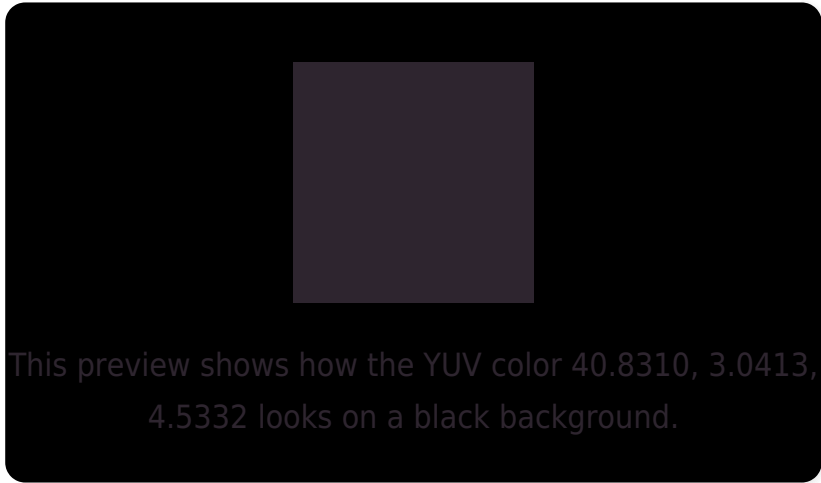
Large Text (above 18pt) WCAG AA ✓ Pass

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

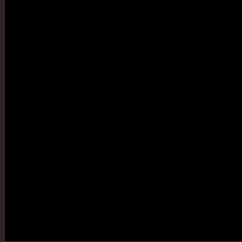
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.8310, 3.0413, 4.5332

Background



This preview shows how black text looks on a background with the YUV color 40.8310, 3.0413, 4.5332.

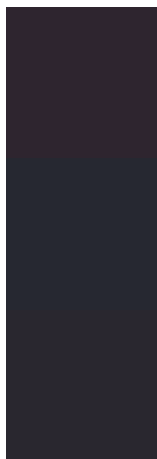


This preview shows how white text looks on a background with the YUV color 40.8310, 3.0413,

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

40.8310, 3.0413, 4.5332

Protanopia

40.4280, 4.2260, -2.1294

Deuteranopia

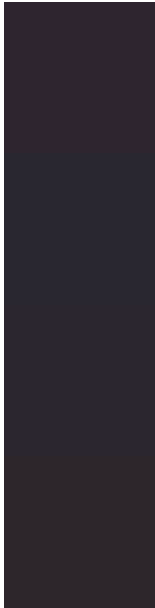
40.5100, 3.1996, 0.4297



Tritanopia

40.4350, 0.2785, 4.0035

Trichromacy



Original Color

40.8310, 3.0413, 4.5332

Protanomaly

40.6240, 3.6364, 0.3298

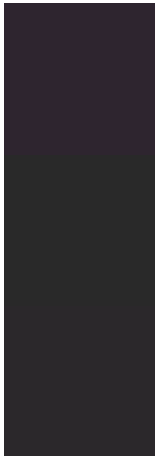
Deuteranomaly

40.5210, 3.1941, 2.1741

Tritanomaly

40.6630, 1.1521, 3.8035

Monochromacy



Original Color

40.8310, 3.0413, 4.5332

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.2390, 0.8682, 1.5444

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.8310, 3.0413, 4.5332 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, 37, 47)` looks like.

```
.text, #text, p{  
    color:rgb(46, 37, 47)  
}
```

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, 37, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 37, 47) }
```

Border

The CSS property to change the border of an element to YUV 40.8310, 3.0413, 4.5332 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, 37, 47) }
```


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

```
.border{ border-color:rgb(46, 37, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 37, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 37, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 37, 47);  
box-shadow:4px 4px 4px 4px rgb(46, 37, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.8310, 3.0413, 4.5332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 37, 47) }
```

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

```
.background{ background-color: rgb(46, 37,  
47) }
```

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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