

# Converting Colors

YUV(41.1730, 4.3517, 4.2333)

Have a look what the booklet for  
YUV(41.1730, 4.3517, 4.2333)  
contains.

<b>YUV(41.1730, 4.3517, 4.2333)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(41.1730, 4.3517,  
4.2333)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E2532
RGB	46, 37, 50
RGB Percent	18%, 15%, 20%
CMY	0.8196, 0.8549, 0.8039
CMYK	0.08, 0.26, 0.00, 0.80
HSL	282°, 15%, 17%
HSV	282°, 26%, 20%
XYZ	2.3640, 2.1343, 3.3050
YIQ	41.1730, 1.1910, 5.9510

# Conversions

## Conversions Part 2

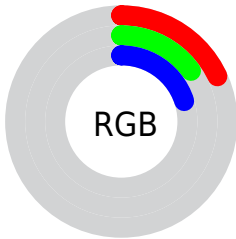
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 37, 50
Decimal	3024178
CIELab	16.18, 7.26, -6.91
CIELCh	16, 10.022, 316.405
Yxy	2.1343, 0.3030, 0.2735
Android (android.graphics.Color)	4281214258 (0xFF2E2532)
YUV	41.1730, 4.3517, 4.2333
Hunter-Lab	14.6091, 3.3183, -3.1866

# Details

The YUV color **41.1730, 4.3517, 4.2333** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.8270, -4.3517, -4.2333**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.5860, 4.6411, 4.7481**, and **0.1140, 0.4368, -0.1000** is the 20% darker color. If you saturate the color by 10%, you get **37.6400, 6.0935, 5.5777**, and if you desaturate by 10%, it is **44.7060, 2.6099, 2.8888**.

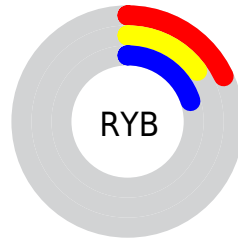
# Distribution



Red (18%)

Green (15%)

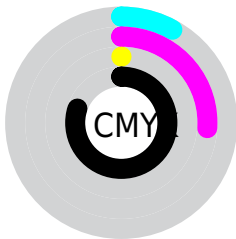
Blue (20%)



Red (18%)

Yellow (15%)

Blue (20%)

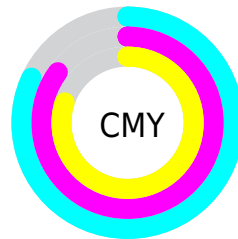


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (80%)



Cyan (82%)

Magenta (85%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 41.1730, 4.3517, 4.2333 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 41.1730, 4.3517, 4.2333 by changing the saturation by 10% instead.



■ 41.1730, 4.3517,  
4.2333

■ 41.1730, 4.3517,  
4.2333

■ 255.0000, 0.0000,  
0.0000

■ 20.4720, 4.2043,  
4.8481

■ 86.5860, 4.6411,  
4.7481

■ 0.1140, 0.4368,  
-0.1000

■ 110.9990, 4.9305,  
5.2629

■ 0.0000, 0.0000,  
0.0000

■ 136.1130, 5.3673,  
5.1629

■ 162.4120, 5.2199,  
5.7777

■ 189.5260, 5.6567,  
5.6777

■ 217.5260, 5.6567,

5.6777

245.2980, 4.7831,  
5.8777

41.1730, 4.3517,  
4.2333

41.1730, 4.3517,  
4.2333

37.6400, 6.0935,  
5.5777

44.7060, 2.6099,  
2.8888

34.4060, 7.6878,  
7.5369

47.9400, 1.0156,  
0.9296

30.8730, 9.4296,  
8.8814

51.4730, -0.7262,  
-0.4148

27.6390, 11.0240,  
10.8406

54.7070, -2.3206,  
-2.3740

24.1060, 12.7657,  
12.1850

58.2400, -4.0623,  
-3.7185

■ 20.8720, 14.3601,  
14.1443

■ 61.4740, -5.6567,  
-5.6777

■ 17.3390, 16.1019,  
15.4887

■ 65.0070, -7.3985,  
-7.0221

■ 16.1650, 16.6807,  
16.5183

■ 68.2410, -8.9928,  
-8.9814

■ 71.7740, -10.7346,  
-10.3258

# Harmonies

## Analogous

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



40.1120, 6.8468, -2.7292



41.1730, 4.3517, 4.2333



41.1090, 1.4253, 9.5514

# Triad

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



41.1730, 4.3517, 4.2333



40.2090, -7.0050, 6.8327



36.5250, 3.6852, -15.3694

# Complementary

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



41.1730, 4.3517, 4.2333



45.8270, -4.3517, -4.2333

# 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.



37.5210, -0.2569, -10.9809



41.1730, 4.3517, 4.2333



39.2900, -6.5520, 1.4997

# Square

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



41.1730, 4.3517, 4.2333



40.3990, -5.1267, 11.0511



38.5280, -4.2043, -4.8481



36.9210, 6.4479, -14.8397



# Rectangle

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



41.1730, 4.3517, 4.2333



41.1370, -1.0535, 11.2809



38.5280, -4.2043, -4.8481



36.7810, 2.0800, -13.8399

# Sweetspot

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



41.1730, 4.3517, 4.2333



60.4670, 1.7418, 1.3444



40.8300, 4.5208, -3.3589



30.9400, 1.0156, 0.9296



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000



# Same Dimension

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



41.1730, 4.3517, 4.2333



50.4660, 6.6723, 6.6073



42.1410, 2.8885, 6.8923



23.9400, 1.0156, 0.9296



28.6840, 29.7358, 29.2181



69.5880, 72.6741, 70.5213



# Inverse Universe

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



41.3430, -0.1691, 7.5922



50.6640, -0.3274, 11.6957



44.8590, -2.8885, -6.8923



24.0110, -0.0054, 1.7444



29.6890, -1.3257, 52.0157



72.5210, -2.7219, 126.7081



# Previews

## White Background



This preview shows how the YUV color 41.1730, 4.3517, 4.2333 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

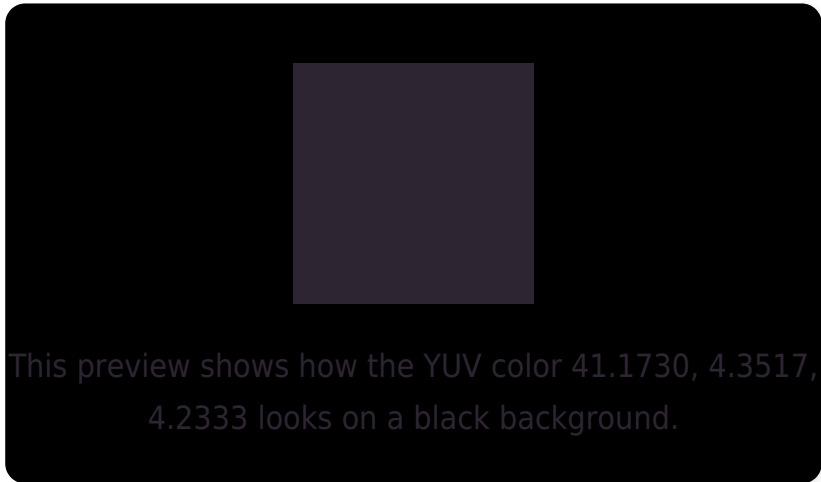
Any Text WCAG AA ✓ Pass

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 41.1730, 4.3517, 4.2333

## Background



This preview shows how black text looks on a background with the YUV color 41.1730, 4.3517, 4.2333.



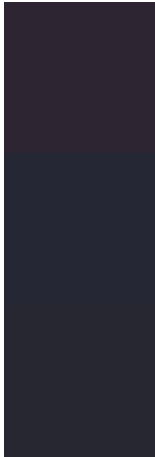
This preview shows how white text looks on a background with the YUV color 41.1730, 4.3517,

4.2333.

# 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

41.1730, 4.3517, 4.2333

### Protanopia

40.4710, 5.6838, -3.0441

### Deuteranopia

40.2540, 4.8048, -1.0998



## Tritanopia

41.1360, 0.4260, 3.3887

# Trichromacy



## Original Color

41.1730, 4.3517, 4.2333

## Protanomaly

40.6670, 5.0942, -0.5850

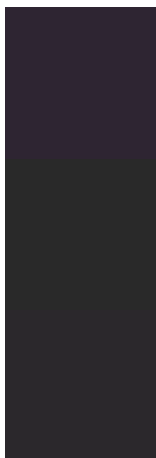
## Deuteranomaly

40.5640, 4.6519, 1.2594

## Tritanomaly

40.8910, 2.0257, 3.6036

# Monochromacy



## Original Color

41.1730, 4.3517, 4.2333

## Achromatopsia

41.0000, 0.0000, 0.0000

## Achromatomaly

41.3530, 1.3050, 1.4444

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 41.1730, 4.3517, 4.2333 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, 50)` looks like.

```
.text, #text, p{  
  color:rgb(46, 37, 50)  
}
```

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, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 37, 50) }
```

## Border

The CSS property to change the border of an element to YUV 41.1730, 4.3517, 4.2333 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, 50) }
```



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

```
.border{ border-color:rgb(46, 37, 50) }
```

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, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 37, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 37, 50);  
box-shadow:4px 4px 4px 4px rgb(46, 37, 50)  
}
```

# Background

The CSS property to change the background color of an element to YUV 41.1730, 4.3517, 4.2333 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, 50) }
```

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

```
.background{ background-color: rgb(46, 37,  
50) }
```

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