

# Converting Colors

YUV(43.3570, 5.2470, -2.9441)

Have a look what the booklet for  
YUV(43.3570, 5.2470, -2.9441)  
contains.

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# Color

**YUV(43.3570, 5.2470,  
-2.9441)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	282B36
RGB	40, 43, 54
RGB Percent	16%, 17%, 21%
CMY	0.8431, 0.8314, 0.7882
CMYK	0.26, 0.20, 0.00, 0.79
HSL	227°, 15%, 18%
HSV	227°, 26%, 21%
XYZ	2.4048, 2.4452, 3.8353
YIQ	43.3570, -5.3190, 2.7850

# Conversions

## Conversions Part 2

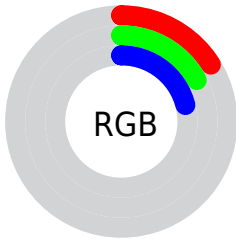
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 42, 54
Decimal	2632502
CIE Lab	17.67, 1.66, -7.51
CIE LCh	18, 7.692, 282.469
Yxy	2.4452, 0.2769, 0.2815
Android (android.graphics.Color)	4280822582 (0xFF282B36)
YUV	43.3570, 5.2470, -2.9441
Hunter-Lab	15.6372, 0.0860, -3.5958

# Details

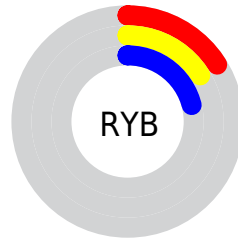
The YUV color **43.3570, 5.2470, -2.9441** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50.6430, -5.2470, 2.9441**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.5850, 6.1206, -3.1440**, and **1.0260, 3.9312, -0.8998** is the 20% darker color. If you saturate the color by 10%, you get **39.5140, 7.1416, -3.9588**, and if you desaturate by 10%, it is **47.2000, 3.3524, -1.9294**.

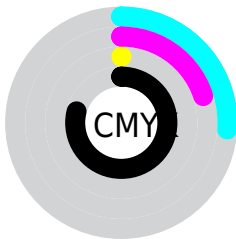
# Distribution



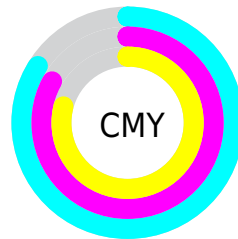
- Red (16%)
- Green (17%)
- Blue (21%)



- Red (16%)
- Yellow (16%)
- Blue (21%)



- Cyan (26%)
- Magenta (20%)
- Yellow (0%)
- Black (79%)



- Cyan (84%)
- Magenta (83%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 43.3570, 5.2470, -2.9441 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 43.3570, 5.2470, -2.9441 by changing the saturation by 10% instead.



■ 43.3570, 5.2470,  
-2.9441

■ 43.3570, 5.2470,  
-2.9441

■ 255.0000, 0.0000,  
0.0000

■ 23.2430, 4.8102,  
-2.8441

■ 88.5850, 6.1206,  
-3.1440

■ 1.0260, 3.9312,  
-0.8998

■ 113.5850, 6.1206,  
-3.1440

■ 0.0000, 0.0000,  
0.0000

■ 138.6990, 6.5574,  
-3.2440

■ 164.6990, 6.5574,  
-3.2440

■ 191.8130, 6.9942,  
-3.3440

■ 219.8130, 6.9942,

-3.3440

247.9010, 3.4998,  
-2.5442

43.3570, 5.2470,  
-2.9441

43.3570, 5.2470,  
-2.9441

39.5140, 7.1416,  
-3.9588

47.2000, 3.3524,  
-1.9294

35.3720, 9.1836,  
-5.5882

51.3420, 1.3104,  
-0.2999

30.9420, 11.3676,  
-6.0881

55.7720, -0.8736,  
0.2000

26.8000, 13.4096,  
-7.7176

59.9140, -2.9156,  
1.8294

22.9570, 15.3042,  
-8.7323

63.7570, -4.8102,  
2.8441

■ 19.1140, 17.1988,  
-9.7470

■ 67.6000, -6.7048,  
3.8588

■ 14.3850, 19.5302,  
-10.8616

■ 72.3290, -9.0362,  
4.9735

■ 13.2000, 20.1144,  
-11.5764

■ 76.1720, -10.9308,  
5.9882

■ 80.3140, -12.9728,  
7.6176

# Harmonies

## Analogous

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



42.4380, 5.7001, -8.2771



43.3570, 5.2470, -2.9441



43.9340, 3.4835, 2.6889

# Triad

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



43.3570, 5.2470, -2.9441



43.7300, -3.8109, 9.0068



41.4290, -0.7045, -7.3922

# Complementary

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



43.3570, 5.2470, -2.9441



50.6430, -5.2470, 2.9441

# 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.



42.0660, -3.4835, -2.6889



43.3570, 5.2470, -2.9441



43.6650, -5.2578, 6.4328

# Square

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



43.3570, 5.2470, -2.9441



44.0120, -1.4849, 9.6365



43.0450, -4.9522, 1.7145



40.8030, 2.0691, -10.3512



# Rectangle

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



43.3570, 5.2470, -2.9441



44.3150, 2.3097, 5.8627



43.0450, -4.9522, 1.7145



41.7990, -1.8729, -5.9627

# Sweetspot

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



43.3570, 5.2470, -2.9441



67.1570, 1.8946, -1.0147



49.4720, 0.7533, -8.3069



33.0430, 1.4578, -0.9147



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000



# Same Dimension

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



43.3570, 5.2470, -2.9441



54.4430, 8.1626, -4.7735



42.7920, 5.5255, 1.0594



25.9290, 1.0210, -0.8147



22.2280, 34.3976, -19.4940



52.5550, 82.0574, -46.0907



# Inverse Universe

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



44.5280, -0.7533, 8.3069



56.1480, -1.0590, 13.0252



51.2080, -5.5255, -1.0594



26.0110, -0.0054, 1.7444



29.7880, -4.8255, 54.5599

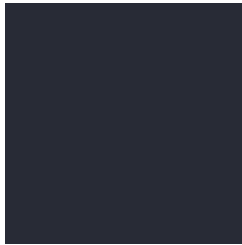


70.8390, -11.7526, 129.9372



# Previews

## White Background



This preview shows how the YUV color 43.3570, 5.2470, -2.9441 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

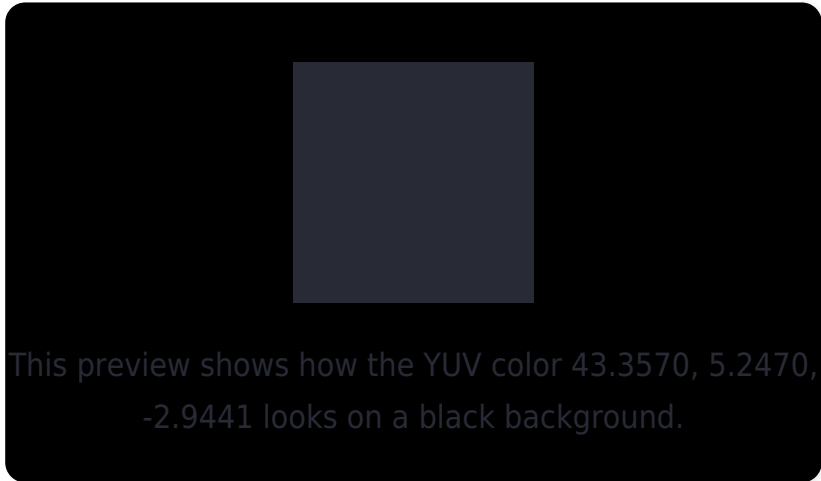
Any Text WCAG AA ✓ Pass

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

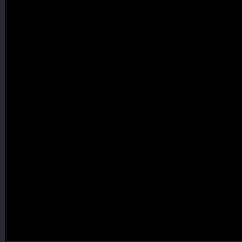
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

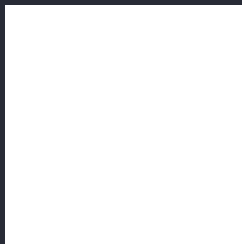
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 43.3570, 5.2470, -2.9441

## Background



This preview shows how black text looks on a background with the YUV color 43.3570, 5.2470, -2.9441.



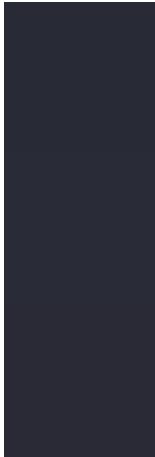
This preview shows how white text looks on a background with the YUV color 43.3570, 5.2470, -2.9441.

-2.9441.

# 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

43.3570, 5.2470, -2.9441

### Protanopia

43.6560, 5.0996, -2.3293

### Deuteranopia

43.3680, 5.2416, -1.1997



## Tritanopia

42.9610, 2.4842, -3.4738

# Trichromacy



## Original Color

43.3570, 5.2470, -2.9441

## Protanomaly

43.6560, 5.0996, -2.3293

## Deuteranomaly

43.0690, 5.3890, -1.8145

## Tritanomaly

43.1890, 3.3578, -3.6738

# Monochromacy



## Original Color

43.3570, 5.2470, -2.9441

## Achromatopsia

43.0000, 0.0000, 0.0000

## Achromatomaly

43.1570, 1.8946, -1.0147

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.3570, 5.2470, -2.9441 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, 54)` looks like.

```
.text, #text, p{  
    color:rgb(40, 43, 54)  
}
```

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, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 43, 54) }
```

## Border

The CSS property to change the border of an element to YUV 43.3570, 5.2470, -2.9441 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, 54) }
```



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

```
.border{ border-color:rgb(40, 43, 54) }
```

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, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 43, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 43, 54);  
box-shadow:4px 4px 4px 4px rgb(40, 43, 54)  
}
```

# Background

The CSS property to change the background color of an element to YUV 43.3570, 5.2470, -2.9441 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, 54) }
```

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

```
.background{ background-color: rgb(40, 43,  
54) }
```

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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