

# Converting Colors

YUV(43.3130, 8.7197, 3.2335)

Have a look what the booklet for  
YUV(43.3130, 8.7197, 3.2335)  
contains.

<b>YUV(43.3130, 8.7197, 3.2335)</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(43.3130, 8.7197,  
3.2335)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F263D
RGB	47, 38, 61
RGB Percent	18%, 15%, 24%
CMY	0.8157, 0.8510, 0.7608
CMYK	0.23, 0.38, 0.00, 0.76
HSL	263°, 23%, 19%
HSV	263°, 38%, 24%
XYZ	2.7077, 2.3275, 4.7214
YIQ	43.3130, -2.0190, 9.0610

# Conversions

## Conversions Part 2

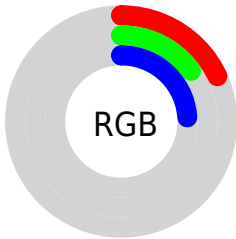
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	47, 38, 61
Decimal	3089981
CIE Lab	17.12, 9.95, -13.16
CIE LCh	17, 16.499, 307.087
Yxy	2.3275, 0.2775, 0.2386
Android (android.graphics.Color)	4281280061 (0xFF2F263D)
YUV	43.3130, 8.7197, 3.2335
Hunter-Lab	15.2561, 4.9827, -7.6696

# Details

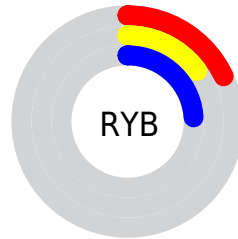
The YUV color **43.3130, 8.7197, 3.2335** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **55.6870, -8.7197, -3.2335**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **88.9540, 9.8827, 3.5483**, and **2.6390, 7.5730, -2.3144** is the 20% darker color. If you saturate the color by 10%, you get **38.5950, 11.0457, 3.8632**, and if you desaturate by 10%, it is **48.0310, 6.3937, 2.6038**.

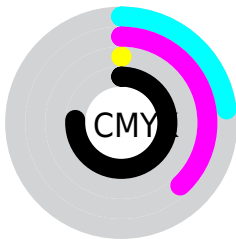
# Distribution



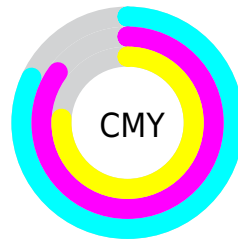
- Red (18%)
- Green (15%)
- Blue (24%)



- Red (18%)
- Yellow (15%)
- Blue (24%)



- Cyan (23%)
- Magenta (38%)
- Yellow (0%)
- Black (76%)



- Cyan (82%)
- Magenta (85%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 43.3130, 8.7197, 3.2335 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 43.3130, 8.7197, 3.2335 by changing the saturation by 10% instead.



■ 43.3130, 8.7197,  
3.2335

■ 43.3130, 8.7197,  
3.2335

■ 255.0000, 0.0000,  
0.0000

■ 22.7860, 7.9935,  
2.8187

■ 88.9540, 9.8827,  
3.5483

■ 2.6390, 7.5730,  
-2.3144

■ 113.3670, 10.1721,  
4.0631

■ 0.0000, 0.0000,  
0.0000

■ 138.7800, 10.4615,  
4.5779

■ 165.1930, 10.7509,  
5.0927

■ 192.3070, 11.1876,  
4.9928

■ 220.3070, 11.1876,

4.9928

246.7820, 4.0515,  
7.2072

43.3130, 8.7197,  
3.2335

43.3130, 8.7197,  
3.2335

38.5950, 11.0457,  
3.8632

48.0310, 6.3937,  
2.6038

34.1760, 13.2242,  
5.1076

52.4500, 4.2152,  
1.3594

29.4580, 15.5502,  
5.7373

57.1680, 1.8892,  
0.7297

24.7400, 17.8762,  
6.3670

61.8860, -0.4368,  
0.1000

20.0220, 20.2022,  
6.9967

67.1910, -3.0522,  
-1.0445

■ 15.0160, 22.6701,  
8.7560

■ 71.6100, -5.2307,  
-2.2890

■ 14.1300, 23.1069,  
8.6560

■ 76.3280, -7.5567,  
-2.9187

■ 81.0460, -9.8827,  
-3.5483

■ 85.4650, -12.0612,  
-4.7928

# Harmonies

## Analogous

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



40.7350, 11.9626, -10.2916



43.3130, 8.7197, 3.2335



43.5270, 4.1772, 13.5698

# Triad

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



43.3130, 8.7197, 3.2335



41.7430, -10.2263, 13.3804



33.3060, 5.7651, -29.2094

# Complementary

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



43.3130, 8.7197, 3.2335



55.6870, -8.7197, -3.2335

# 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.



37.6190, -2.2772, -16.3289



43.3130, 8.7197, 3.2335



40.7590, -11.2202, 5.4734

# Square

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



43.3130, 8.7197, 3.2335



42.2860, -7.0430, 19.0432



39.7900, -8.2775, -5.0778



34.5600, 10.5699, -30.3091



# Rectangle

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



43.3130, 8.7197, 3.2335



43.5230, 0.2352, 17.9583



39.7900, -8.2775, -5.0778



34.6440, 3.1335, -25.1208

# Sweetspot

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



43.3130, 8.7197, 3.2335



72.2220, 3.3416, 1.5593



48.8400, 5.9949, -9.5067



36.5810, 2.1786, 1.2445



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000



# Same Dimension

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



43.3130, 8.7197, 3.2335



51.2900, 13.6610, 5.0077



46.6020, 7.0982, 9.9960



28.6410, 1.1630, 0.3148



21.7790, 35.6050, 13.3488



51.3210, 84.1447, 31.2905



# Inverse Universe

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



46.4730, 2.7248, 12.7402



56.2720, 4.3029, 19.9325



52.3980, -7.0982, -9.9960



29.0110, -0.0054, 1.7444



34.6040, 11.0412, 52.0903



81.7680, 26.2434, 122.9835



# Previews

## White Background



This preview shows how the YUV color 43.3130, 8.7197, 3.2335 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

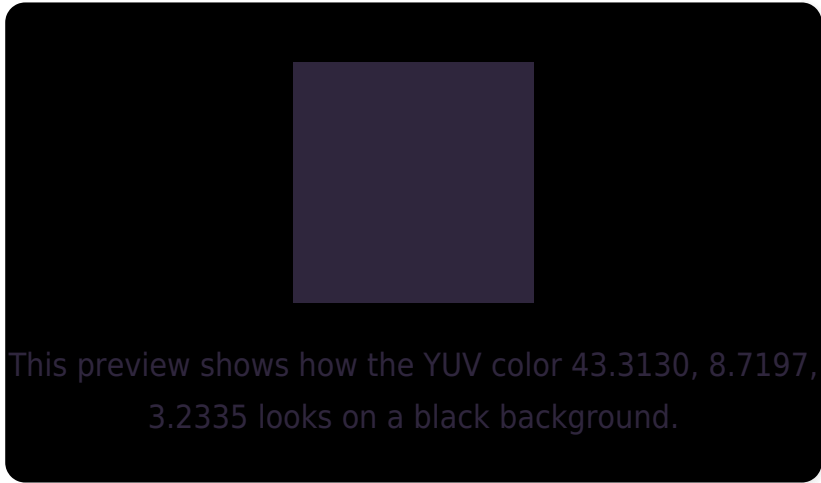
Any Text WCAG AA ✓ Pass

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 43.3130, 8.7197, 3.2335

## Background



This preview shows how black text looks on a background with the YUV color 43.3130, 8.7197, 3.2335.



This preview shows how white text looks on a background with the YUV color 43.3130, 8.7197,



# 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

43.3130, 8.7197, 3.2335

### Protanopia

42.1160, 10.7888, -7.1177

### Deuteranopia

42.2580, 8.7468, -5.4883



## Tritanopia

42.3530, 1.3050, 1.4444

# Trichromacy



## Original Color

43.3130, 8.7197, 3.2335

## Protanomaly

42.9100, 9.9044, -3.4291

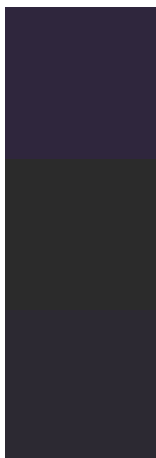
## Deuteranomaly

42.8670, 8.4466, -2.5144

## Tritanomaly

42.7490, 4.0677, 1.9741

# Monochromacy



## Original Color

43.3130, 8.7197, 3.2335

## Achromatopsia

43.0000, 0.0000, 0.0000

## Achromatomaly

42.9230, 3.4890, 0.9445

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.3130, 8.7197, 3.2335 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(47, 38, 61)` looks like.

```
.text, #text, p{  
    color:rgb(47, 38, 61)  
}
```

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(47, 38, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 38, 61) }
```

## Border

The CSS property to change the border of an element to YUV 43.3130, 8.7197, 3.2335 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(47, 38, 61) }
```



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

```
.border{ border-color:rgb(47, 38, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 38, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 38, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 38, 61);  
box-shadow:4px 4px 4px 4px rgb(47, 38, 61)  
}
```

# Background

The CSS property to change the background color of an element to YUV 43.3130, 8.7197, 3.2335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 38, 61) }
```

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

```
.background{ background-color: rgb(47, 38,  
61) }
```

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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