

# Converting Colors

YUV(43.7440, -8.2548, 34.4275)

Have a look what the booklet for  
YUV(43.7440, -8.2548, 34.4275)  
contains.

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# Color

**YUV(43.7440, -8.2548,  
34.4275)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	531B1B
RGB	83, 27, 27
RGB Percent	33%, 11%, 11%
CMY	0.6745, 0.8941, 0.8941
CMYK	0.00, 0.67, 0.67, 0.67
HSL	0°, 51%, 22%
HSV	0°, 67%, 33%
XYZ	4.1570, 2.7020, 1.3393
YIQ	43.7440, 33.3760, 11.8720

# Conversions

## Conversions Part 2

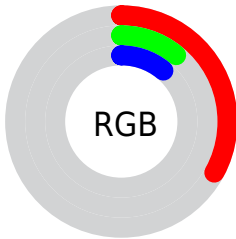
<b>Format</b>	<b>Color</b>
<b>RYB</b>	83, 27, 27
Decimal	5446427
CIELab	18.81, 26.13, 13.85
CIELCh	19, 29.570, 27.922
Yxy	2.7020, 0.5071, 0.3296
Android (android.graphics.Color)	4283636507 (0xFF531B1B)
YUV	43.7440, -8.2548, 34.4275
Hunter-Lab	16.4378, 16.3759, 6.6755

# Details

The YUV color **43.7440, -8.2548, 34.4275** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **66.2560, 8.2548, -34.4275**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.0820, -10.8864, 38.5161**, and **10.5790, -4.7224, 21.4172** is the 20% darker color. If you saturate the color by 10%, you get **38.1360, -9.4340, 39.3457**, and if you desaturate by 10%, it is **49.3520, -7.0755, 29.5093**.

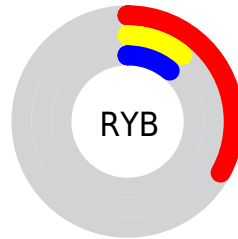
# Distribution



Red (33%)

Green (11%)

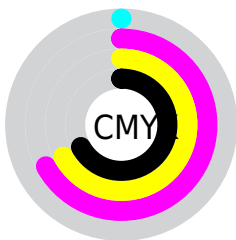
Blue (11%)



Red (33%)

Yellow (11%)

Blue (11%)

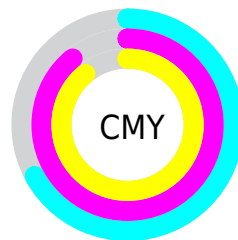


Cyan (0%)

Magenta (67%)

Yellow (67%)

Black (67%)



Cyan (67%)

Magenta (89%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 43.7440, -8.2548, 34.4275 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 43.7440, -8.2548, 34.4275 by changing the saturation by 10% instead.



■ 43.7440, -8.2548,  
34.4275

■ 43.7440, -8.2548,  
34.4275

255.0000, 0.0000,  
0.0000

■ 19.1030, -9.4178,  
34.1127

■ 92.0820, -10.8864,  
38.5161

■ 10.5790, -4.7224,  
21.4172

■ 117.2780,  
-11.4761, 40.9752

■ 0.0000, 0.0000,  
0.0000

■ 143.0610,  
-12.3551, 42.9195

■ 170.5450,  
-13.0867, 44.2490

■ 198.1430,  
-13.3815, 45.4786

■ 218.5650,

-10.1385, 31.9535

238.7800, -6.3005,  
14.2249

43.7440, -8.2548,  
34.4275

43.7440, -8.2548,  
34.4275

38.1360, -9.4340,  
39.3457

49.3520, -7.0755,  
29.5093

31.8270, -10.7607,  
44.8787

55.6610, -5.7489,  
23.9763

26.2190, -11.9400,  
49.7969

61.2690, -4.5696,  
19.0581

24.8170, -12.2348,  
51.0265

66.8770, -3.3904,  
14.1399

73.1860, -2.0637,  
8.6069

■ 78.7940, -0.8844,  
3.6887

■ 84.4020, 0.2948,  
-1.2296

■ 90.0100, 1.4741,  
-6.1478

■ 96.3190, 2.8007,  
-11.6808

# Harmonies

## Analogous

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



44.3770, 1.7861, 33.8724



43.7440, -8.2548, 34.4275



43.9420, -18.7054, 26.3609

# Triad

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



43.7440, -8.2548, 34.4275



34.8040, -6.3124, -28.7691



38.9090, 24.6949, -34.1232

# Complementary

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



43.7440, -8.2548, 34.4275



66.2560, 8.2548, -34.4275

# 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.



41.0460, 20.1903, -35.9973



43.7440, -8.2548, 34.4275



37.8880, 3.0132, -33.2278

# Square

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



43.7440, -8.2548, 34.4275



40.5270, -19.4868, -3.0932



40.2820, 12.1860, -35.3273



46.2010, 18.6349, -3.6843



# Rectangle

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



43.7440, -8.2548, 34.4275



43.7900, -21.5885, 17.7242



40.2820, 12.1860, -35.3273



39.9690, 23.6793, -35.0528

# Sweetspot

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



43.7440, -8.2548, 34.4275



92.2790, -3.0955, 12.9103



50.1280, 16.2059, 28.8287



44.8870, -1.9163, 7.9921



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000



# Same Dimension

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



43.7440, -8.2548, 34.4275



46.0130, -12.8244, 53.4856



60.1800, -16.3577, 20.0131



38.1960, -0.5896, 2.4591



31.3950, -15.4777, 64.5516



69.3680, -34.1984, 142.6283



# Inverse Universe

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



66.2560, 8.2548, -34.4275



80.9870, 12.8244, -53.4856



49.8200, 16.3577, -20.0131



39.8040, 0.5896, -2.4591



73.6050, 15.4777, -64.5516

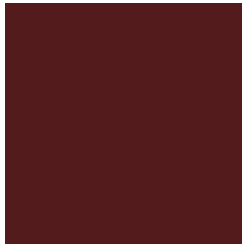


162.6320, 34.1984, -142.6283



# Previews

## White Background



This preview shows how the YUV color 43.7440, -8.2548, 34.4275 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

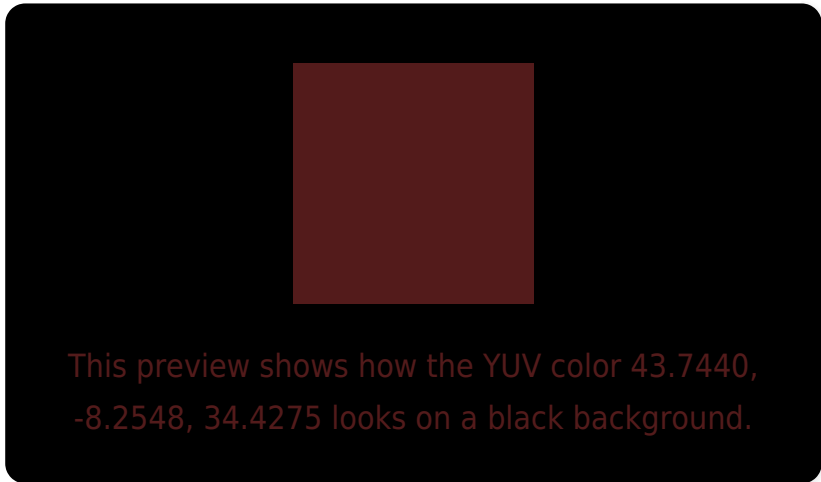
Any Text WCAG AA ✓ Pass

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

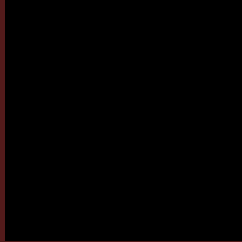
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 43.7440, -8.2548, 34.4275**

## **Background**



This preview shows how black text looks on a background with the YUV color 43.7440, -8.2548, 34.4275.



This preview shows how white text looks on a background with the YUV color 43.7440, -8.2548,



# 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

43.7440, -8.2548, 34.4275

### Protanopia

46.8280, -5.8312, 3.6588

### Deuteranopia

46.4930, -11.0890, 10.0916



## Tritanopia

43.8580, -7.8180, 34.3275

# Trichromacy



## Original Color

43.7440, -8.2548, 34.4275

## Protanomaly

45.9650, -6.8847, 14.9397

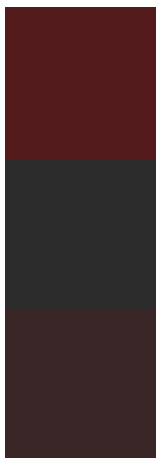
## Deuteranomaly

45.1890, -9.9532, 19.1282

## Tritanomaly

43.8580, -7.8180, 34.3275

# Monochromacy



## Original Color

43.7440, -8.2548, 34.4275

## Achromatopsia

44.0000, 0.0000, 0.0000

## Achromatomaly

43.9800, -2.9481, 12.2955

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.7440, -8.2548, 34.4275 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(83, 27, 27)` looks like.

```
.text, #text, p{  
    color:rgb(83, 27, 27)  
}
```

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(83, 27, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 27, 27) }
```

## Border

The CSS property to change the border of an element to YUV 43.7440, -8.2548, 34.4275 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(83, 27, 27) }
```



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

```
.border{ border-color:rgb(83, 27, 27) }
```

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

Here you see how a box with a 4 pixel rgb(83, 27, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 27, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 27, 27);  
box-shadow:4px 4px 4px 4px rgb(83, 27, 27)  
}
```

# Background

The CSS property to change the background color of an element to YUV 43.7440, -8.2548, 34.4275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 27, 27) }
```

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

```
.background{ background-color: rgb(83, 27,  
27) }
```

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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