

# Converting Colors

YUV(87.0040, -5.9180, 31.5685)

Have a look what the booklet for  
YUV(87.0040, -5.9180, 31.5685)  
contains.

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# Color

**YUV(87.0040, -5.9180,  
31.5685)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B474B
RGB	123, 71, 75
RGB Percent	48%, 28%, 29%
CMY	0.5176, 0.7216, 0.7059
CMYK	0.00, 0.42, 0.39, 0.52
HSL	355°, 27%, 38%
HSV	355°, 42%, 48%
XYZ	11.6916, 9.2254, 7.8211
YIQ	87.0040, 29.7080, 12.2680

# Conversions

## Conversions Part 2

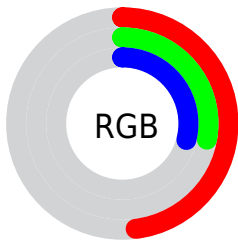
<b>Format</b>	<b>Color</b>
<b>RYB</b>	123, 71, 75
Decimal	8079179
CIELab	36.41, 22.74, 7.23
CIELCh	36, 23.862, 17.643
Yxy	9.2254, 0.4068, 0.3210
Android (android.graphics.Color)	4286269259 (0xFF7B474B)
YUV	87.0040, -5.9180, 31.5685
Hunter-Lab	30.3734, 15.5565, 5.9943




# Details

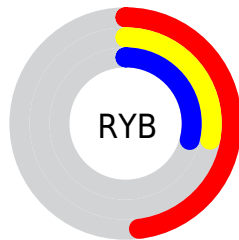
The YUV color **87.0040, -5.9180, 31.5685** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **106.9960, 5.9180, -31.5685**, and the grayscale version is **87.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **137.4990, -6.6550, 34.6424**, and **39.7370, -4.3073, 28.2947** is the 20% darker color. If you saturate the color by 10%, you get **78.7060, -7.2501, 38.8458**, and if you desaturate by 10%, it is **95.3020, -4.5859, 24.2911**.

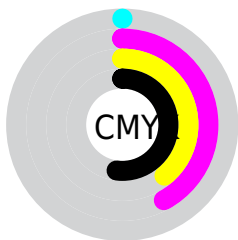
# Distribution







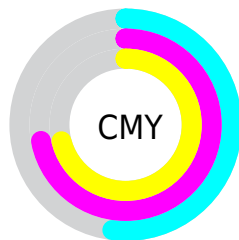
-  Red (48%)
-  Green (28%)
-  Blue (29%)






-  Red (48%)
-  Yellow (28%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (42%)
-  Yellow (39%)
-  Black (52%)



-  Cyan (52%)
-  Magenta (72%)
-  Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 87.0040, -5.9180, 31.5685 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 87.0040, -5.9180, 31.5685 by changing the saturation by 10% instead.



87.0040, -5.9180,  
31.5685

87.0040, -5.9180,  
31.5685

255.0000, 0.0000,  
0.0000

63.1070, -5.4758,  
29.7242

137.4990, -6.6550,  
34.6424

39.7370, -4.3073,  
28.2947

163.9830, -7.3866,  
35.9719

16.9110, -4.8861,  
27.2651

191.5810, -7.6814,  
37.2015

5.0830, -2.5059,  
10.4512

217.4880, -6.6496,  
32.8980

0.0000, 0.0000,  
0.0000

237.1160, -2.5222,  
15.6843

■ 87.0040, -5.9180,  
31.5685

■ 87.0040, -5.9180,  
31.5685

■ 78.7060, -7.2501,  
38.8458

■ 95.3020, -4.5859,  
24.2911

■ 69.7070, -8.7296,  
46.7380

■ 104.3010, -3.1064,  
16.3990

■ 61.4090, -10.0616,  
54.0153

■ 112.5990, -1.7743,  
9.1217

■ 53.1110, -11.3937,  
61.2927

■ 120.8970, -0.4422,  
1.8443

■ 44.1120, -12.8732,  
69.1848

■ 129.3090, 1.3267,  
-5.5330

■ 37.8030, -14.1999,  
74.7178

■ 138.1940, 2.3694,  
-13.3251

■ 146.4920, 3.7014,  
-20.6025

■ 154.9040, 5.4703,

-27.9798

■ 163.7890, 6.5130,  
-35.7720

# Harmonies

## Analogous

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



88.2620, 2.8288, 26.0802



87.0040, -5.9180, 31.5685



85.9190, -13.7641, 28.1350

# Triad

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



87.0040, -5.9180, 31.5685



80.7520, -10.7237, -13.8145



79.7090, 21.3425, -32.1938

# Complementary

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



87.0040, -5.9180, 31.5685



106.9960, 5.9180, -31.5685

# 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.



68.3590, 22.0080, -59.0738



87.0040, -5.9180, 31.5685



76.5030, 0.2450, -32.0131

# Square

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



87.0040, -5.9180, 31.5685



83.1410, -17.3245, 3.3843



69.2040, 13.7034, -55.4299



85.9400, 17.7776, -8.7174



# Rectangle

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



87.0040, -5.9180, 31.5685



85.6640, -17.0894, 21.3427



69.2040, 13.7034, -55.4299



76.7680, 21.8064, -41.0155

# Sweetspot

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



87.0040, -5.9180, 31.5685



146.3930, -2.6587, 12.8103



91.2800, 15.6380, 24.3104



73.0010, -1.4795, 7.8921



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



87.0040, -5.9180, 31.5685



104.2020, -9.4666, 49.8118



99.4620, -14.0318, 20.6428



56.9080, -0.4476, 3.5887



38.5150, -14.0579, 75.8473



77.5140, -28.8474, 153.0242



# Inverse Universe

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



87.0040, -5.9180, 31.5685



104.2020, -9.4666, 49.8118



94.5380, 14.0318, -20.6428



56.9080, -0.4476, 3.5887



38.5150, -14.0579, 75.8473

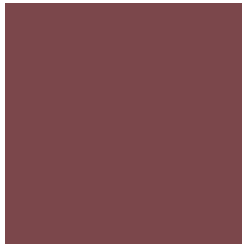


77.5140, -28.8474, 153.0242



# Previews

## White Background



This preview shows how the YUV color 87.0040, -5.9180, 31.5685 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

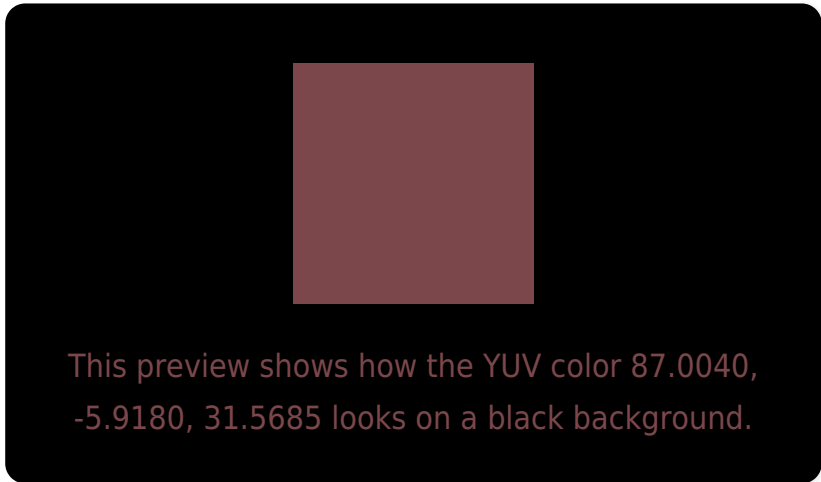
Any Text WCAG AA ✓ Pass

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

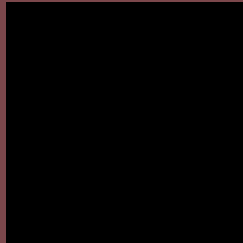
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 87.0040, -5.9180, 31.5685**

## **Background**



This preview shows how black text looks on a background with the YUV color 87.0040, -5.9180, 31.5685.



This preview shows how white text looks on a background with the YUV color 87.0040, -5.9180,



# 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

87.0040, -5.9180, 31.5685

### Protanopia

86.2560, -1.6052, 1.5295

### Deuteranopia

86.6440, -6.7265, 10.8362



## Tritanopia

87.1180, -5.4812, 31.4685

# Trichromacy



## Original Color

87.0040, -5.9180, 31.5685

## Protanomaly

86.8660, -3.3849, 12.3955

## Deuteranomaly

87.1010, -6.4588, 18.3284

## Tritanomaly

87.1180, -5.4812, 31.4685

# Monochromacy



## Original Color

87.0040, -5.9180, 31.5685

## Achromatopsia

87.0000, 0.0000, 0.0000

## Achromatomaly

86.9090, -1.9271, 11.4808

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 87.0040, -5.9180, 31.5685 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(123, 71, 75)` looks like.

```
.text, #text, p{  
    color:rgb(123, 71, 75)  
}
```

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(123, 71, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 71, 75) }
```

## Border

The CSS property to change the border of an element to YUV 87.0040, -5.9180, 31.5685 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(123, 71, 75) }
```



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

```
.border{ border-color:rgb(123, 71, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 71, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 71, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 71, 75);  
box-shadow:4px 4px 4px 4px rgb(123, 71,  
75) }
```

# Background

The CSS property to change the background color of an element to YUV 87.0040, -5.9180, 31.5685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 71, 75) }
```

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

```
.background{ background-color: rgb(123, 71,  
75) }
```

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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