

# Converting Colors

YUV(74.9830, -17.2466,  
71.9289)

Have a look what the booklet for  
YUV(74.9830, -17.2466, 71.9289)  
contains.

|  |    |
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# Color

**YUV(74.9830, -17.2466,  
71.9289)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 9D2828                    |
| RGB           | 157, 40, 40               |
| RGB Percent   | 62%, 16%, 16%             |
| CMY           | 0.3843, 0.8431, 0.8431    |
| CMYK          | 0.00, 0.75, 0.75, 0.38    |
| HSL           | 0°, 59%, 39%              |
| HSV           | 0°, 75%, 62%              |
| XYZ           | 15.0464, 8.8389, 2.9205   |
| YIQ           | 74.9830, 69.7320, 24.8040 |

# Conversions

## Conversions Part 2

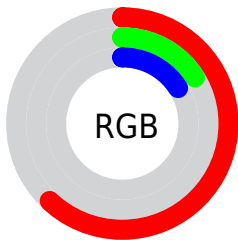
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 157, 40, 40                   |
| Decimal                             | 10299432                      |
| CIE Lab                             | 35.67, 47.75, 29.22           |
| CIE LCh                             | 36, 55.986, 31.463            |
| Yxy                                 | 8.8389, 0.5613,<br>0.3297     |
| Android<br>(android.graphics.Color) | 4288489512<br>(0xFF9D2828)    |
| YUV                                 | 74.9830, -17.2466,<br>71.9289 |
| Hunter-Lab                          | 29.7303, 38.3105,<br>14.9869  |

# Details

The YUV color **74.9830, -17.2466, 71.9289** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **122.0170, 17.2466, -71.9289**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.0500, -22.2097, 77.1321**, and **29.3020, -14.4459, 60.2481** is the 20% darker color. If you saturate the color by 10%, you get **63.7670, -19.6051, 81.7653**, and if you desaturate by 10%, it is **86.1990, -14.8881, 62.0925**.

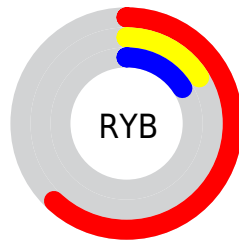
# Distribution



Red (62%)

Green (16%)

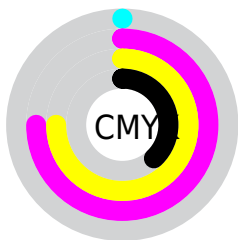
Blue (16%)



Red (62%)

Yellow (16%)

Blue (16%)

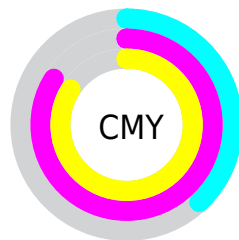


Cyan (0%)

Magenta (75%)

Yellow (75%)

Black (38%)



Cyan (38%)

Magenta (84%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 74.9830, -17.2466, 71.9289 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 74.9830, -17.2466, 71.9289 by changing the saturation by 10% instead.



■ 74.9830, -17.2466,  
71.9289

■ 74.9830, -17.2466,  
71.9289

255.0000, 0.0000,  
0.0000

■ 41.9000, -11.2897,  
74.6327

■ 130.0500,  
-22.2097, 77.1321

■ 29.3020, -14.4459,  
60.2481

■ 158.0180,  
-23.6729, 79.7912

■ 20.6310, -10.1711,  
42.4196

■ 178.5110,  
-21.4509, 67.0809

■ 12.6720, -5.7543,  
25.7207

■ 198.0250,  
-17.7603, 49.9671

■ 0.0000, 0.0000,  
0.0000

■ 217.5390,  
-14.0697, 32.8533

■ 237.7540,

-10.2317, 15.1247

253.8600, -4.3680,  
0.9998

74.9830, -17.2466,  
71.9289

74.9830, -17.2466,  
71.9289

63.7670, -19.6051,  
81.7653

86.1990, -14.8881,  
62.0925

53.2520, -21.8162,  
90.9870

96.7140, -12.6770,  
52.8708

46.9430, -23.1429,  
96.5200

107.9300,  
-10.3185, 43.0344

119.1460, -7.9600,  
33.1980

130.3620, -5.6015,  
23.3615

■ 140.8770, -3.3904,  
14.1399

■ 152.0930, -1.0318,  
4.3034

■ 163.3090, 1.3267,  
-5.5330

■ 173.8240, 3.5378,  
-14.7546

# Harmonies

## Analogous

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



72.6780, 5.5817, 76.5814



74.9830, -17.2466, 71.9289



77.9330, -38.4210, 50.0478

# Triad

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



74.9830, -17.2466, 71.9289



63.0320, -12.3408, -55.2791



72.0790, 50.2471, -63.2133

# Complementary

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



74.9830, -17.2466, 71.9289



122.0170, 17.2466, -71.9289

# 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.



76.6950, 42.5484, -67.2615



74.9830, -17.2466, 71.9289



70.1510, 7.3206, -61.5224

# Square

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



74.9830, -17.2466, 71.9289



71.6230, -35.3101, -14.5784



75.2810, 26.9765, -66.0214



84.5490, 37.6903, -2.2355



# Rectangle

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



74.9830, -17.2466, 71.9289



78.9860, -38.9401, 29.8303



75.2810, 26.9765, -66.0214



74.3130, 48.6527, -65.1725

# Sweetspot

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



74.9830, -17.2466, 71.9289



172.4550, -6.6333, 27.6650



88.3210, 33.8587, 60.2315



83.0730, -3.9800, 16.5990



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



74.9830, -17.2466, 71.9289



76.4180, -26.8281, 111.8894



109.6160, -34.3207, 41.5558



73.3920, -1.1793, 4.9182



42.7570, -21.0792, 87.9131



4.4850, -2.2111, 9.2217



# Inverse Universe

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



122.0170, 17.2466, -71.9289



149.5820, 26.8281, -111.8894



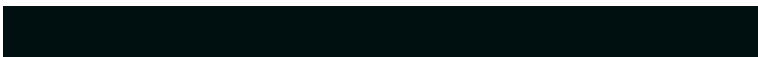
87.9710, 34.0313, -42.0706



76.6080, 1.1793, -4.9182



100.2430, 21.0792, -87.9131



10.5150, 2.2111, -9.2217



# Previews

## White Background



This preview shows how the YUV color 74.9830, -17.2466, 71.9289 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

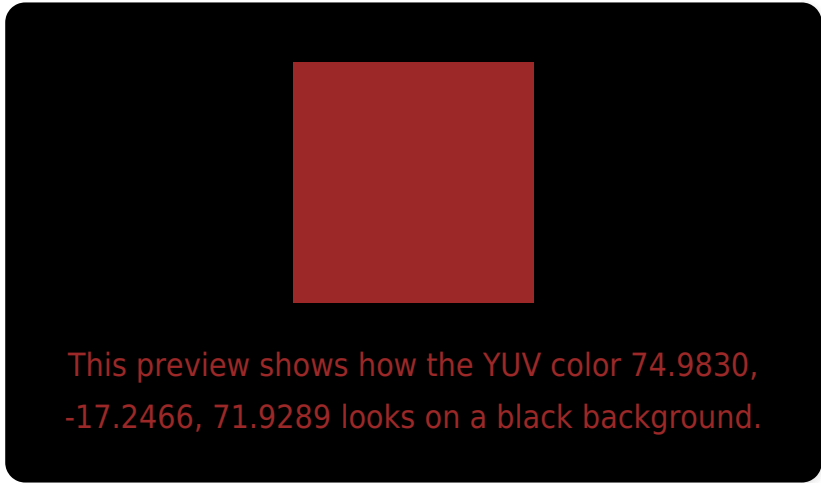
Any Text WCAG AA ✓ Pass

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 74.9830, -17.2466, 71.9289**

## **Background**



This preview shows how black text looks on a background with the YUV color 74.9830, -17.2466, 71.9289.



This preview shows how white text looks on a background with the YUV color 74.9830, -17.2466,



# 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

74.9830, -17.2466, 71.9289

### Protanopia

83.9720, -14.2832, 7.9176

### Deuteranopia

82.8890, -25.0883, 20.2683



## Tritanopia

75.0970, -16.8098, 71.8289

# Trichromacy



## Original Color

74.9830, -17.2466, 71.9289

## Protanomaly

80.8870, -15.2273, 30.7941

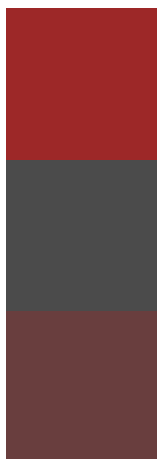
## Deuteranomaly

80.1070, -22.2378, 39.3712

## Tritanomaly

75.0970, -16.8098, 71.8289

# Monochromacy



## Original Color

74.9830, -17.2466, 71.9289

## Achromatopsia

75.0000, 0.0000, 0.0000

## Achromatomaly

74.8570, -6.3385, 26.4354

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.9830, -17.2466, 71.9289 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(157, 40, 40)` looks like.

```
.text, #text, p{  
    color:rgb(157, 40, 40)  
}
```

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(157, 40, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 40, 40) }
```

## Border

The CSS property to change the border of an element to YUV 74.9830, -17.2466, 71.9289 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(157, 40, 40) }
```



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

```
.border{ border-color:rgb(157, 40, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 40, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 40, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 40, 40);  
box-shadow:4px 4px 4px 4px rgb(157, 40,  
40) }
```

# Background

The CSS property to change the background color of an element to YUV 74.9830, -17.2466, 71.9289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 40, 40) }
```

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

```
.background{ background-color: rgb(157, 40,  
40) }
```

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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