

# Converting Colors

YUV(60.3810, -4.1318, 65.4409)

Have a look what the booklet for  
YUV(60.3810, -4.1318, 65.4409)  
contains.

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# Color

**YUV(60.3810, -4.1318,  
65.4409)**

# Conversions

## Conversions Part 1

Format	Color
Hex	871834
RGB	135, 24, 52
RGB Percent	53%, 9%, 20%
CMY	0.4706, 0.9059, 0.7961
CMYK	0.00, 0.82, 0.61, 0.47
HSL	345°, 70%, 31%
HSV	345°, 82%, 53%
XYZ	10.9381, 6.0521, 3.8405
YIQ	60.3810, 57.1680, 32.2400

# Conversions

## Conversions Part 2

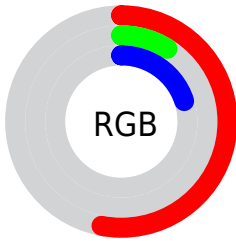
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 24, 52
Decimal	8853556
CIE Lab	29.54, 46.90, 12.93
CIE LCh	30, 48.647, 15.418
Yxy	6.0521, 0.5251, 0.2905
Android (android.graphics.Color)	4287043636 (0xFF871834)
YUV	60.3810, -4.1318, 65.4409
Hunter-Lab	24.6010, 36.3132, 7.9649

# Details

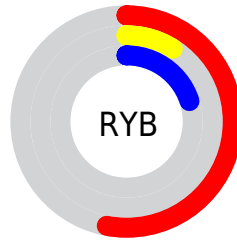
The YUV color **60.3810, -4.1318, 65.4409** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **98.6190, 4.1318, -65.4409**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.8390, -8.7946, 67.6702**, and **24.4190, -8.5876, 47.8675** is the 20% darker color. If you saturate the color by 10%, you get **51.6100, -4.7377, 73.1330**, and if you desaturate by 10%, it is **69.7390, -3.8153, 57.2339**.

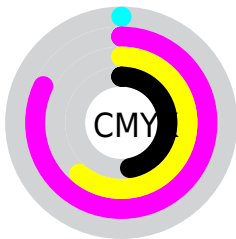
# Distribution



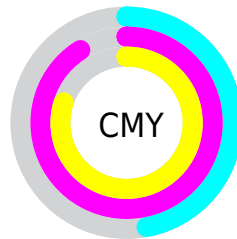
- Red (53%)
- Green (9%)
- Blue (20%)



- Red (53%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (82%)
- Yellow (61%)
- Black (47%)



- Cyan (47%)
- Magenta (91%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 60.3810, -4.1318, 65.4409 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 60.3810, -4.1318, 65.4409 by changing the saturation by 10% instead.



60.3810, -4.1318,  
65.4409

60.3810, -4.1318,  
65.4409

255.0000, 0.0000,  
0.0000

35.2280, -2.0844,  
62.0670

115.8390, -8.7946,  
67.6702

24.4190, -8.5876,  
47.8675

143.5080,  
-10.1104, 69.7145

16.3740, -7.0864,  
32.9980

171.5900,  
-11.1369, 72.2736

1.4950, -0.7370,  
3.0739

190.7020, -7.7411,  
56.3893

0.0000, 0.0000,  
0.0000

210.3300, -3.6137,  
39.1756

230.5450, 0.2243,

21.4470

250.3040, 2.3151,  
4.1184

60.3810, -4.1318,  
65.4409

60.3810, -4.1318,  
65.4409

51.6100, -4.7377,  
73.1330

69.7390, -3.8153,  
57.2339

44.2410, -5.0488,  
79.5956

78.5100, -3.2094,  
49.5417

87.8680, -2.8929,  
41.3348

96.6390, -2.2870,  
33.6426

105.9970, -1.9705,  
25.4356

■ 114.8820, -0.9278,  
17.6435

■ 124.2400, -0.6113,  
9.4365

■ 133.0110, -0.0054,  
1.7444

■ 142.3690, 0.3111,  
-6.4626

# Harmonies

## Analogous

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



64.6690, 12.4882, 54.6643



60.3810, -4.1318, 65.4409



64.1410, -23.7335, 52.4963

# Triad

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



60.3810, -4.1318, 65.4409



53.1290, -22.7416, -32.5621



62.6750, 39.6002, -54.9660

# Complementary

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



60.3810, -4.1318, 65.4409



98.6190, 4.1318, -65.4409

# 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.



63.9170, 29.1279, -56.0552



60.3810, -4.1318, 65.4409



55.4810, -3.1951, -48.6568

# Square

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



60.3810, -4.1318, 65.4409



63.7700, -31.4386, 3.7097



60.6280, 13.9874, -53.1708



56.2180, 42.7835, -49.3032



# Rectangle

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



60.3810, -4.1318, 65.4409



65.7620, -32.4207, 38.7967



60.6280, 13.9874, -53.1708



63.8660, 36.5481, -56.0105

# Sweetspot

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



60.3810, -4.1318, 65.4409



146.4100, -1.6811, 25.9504



60.8730, 36.5446, 38.6994



70.8710, -0.9224, 15.8991



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



60.3810, -4.1318, 65.4409



59.0420, -6.4297, 102.5722



72.4510, -23.8863, 54.8555



61.9080, -0.4476, 3.5887



42.6320, -4.7486, 76.6217



1.0110, -0.0054, 1.7444



# Inverse Universe

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



60.3810, -4.1318, 65.4409



59.0420, -6.4297, 102.5722



86.5490, 23.8863, -54.8555



61.9080, -0.4476, 3.5887



42.6320, -4.7486, 76.6217

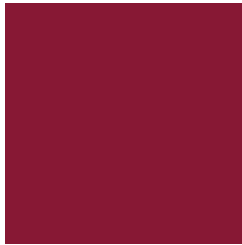


1.0110, -0.0054, 1.7444



# Previews

## White Background



This preview shows how the YUV color 60.3810, -4.1318, 65.4409 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

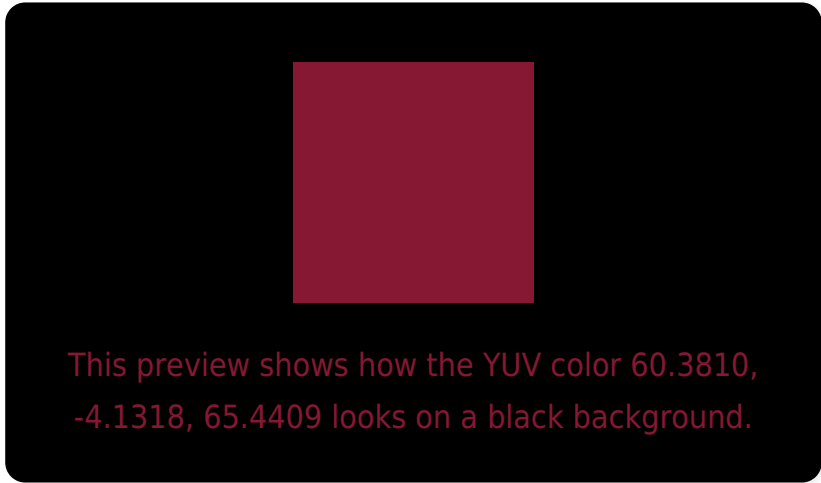
Any Text WCAG AA ✓ Pass

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 60.3810, -4.1318, 65.4409**

## **Background**



This preview shows how black text looks on a background with the YUV color 60.3810, -4.1318, 65.4409.



This preview shows how white text looks on a background with the YUV color 60.3810, -4.1318,



# 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

60.3810, -4.1318, 65.4409

### Protanopia

71.4130, 0.2894, 0.5148

### Deuteranopia

70.9880, -11.8261, 13.1655



## Tritanopia

61.0960, -15.3303, 63.9368

# Trichromacy



## Original Color

60.3810, -4.1318, 65.4409

## Protanomaly

67.5130, -1.2389, 24.1061

## Deuteranomaly

67.2060, -8.9756, 32.2683

## Tritanomaly

60.8340, -11.2572, 64.1666

# Monochromacy



## Original Color

60.3810, -4.1318, 65.4409

## Achromatopsia

60.0000, 0.0000, 0.0000

## Achromatomaly

60.1000, -1.5283, 23.5913

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 60.3810, -4.1318, 65.4409 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(135, 24, 52)` looks like.

```
.text, #text, p{  
    color:rgb(135, 24, 52)  
}
```

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(135, 24, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 24, 52) }
```

## Border

The CSS property to change the border of an element to YUV 60.3810, -4.1318, 65.4409 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(135, 24, 52) }
```



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

```
.border{ border-color:rgb(135, 24, 52) }
```

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

Here you see how a box with a 4 pixel rgb(135, 24, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 24, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 24, 52);  
box-shadow:4px 4px 4px 4px rgb(135, 24,  
52) }
```

# Background

The CSS property to change the background color of an element to YUV 60.3810, -4.1318, 65.4409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 24, 52) }
```

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

```
.background{ background-color: rgb(135, 24,  
52) }
```

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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