

# Converting Colors

YUV(41.9110, -11.2951,  
76.3771)

Have a look what the booklet for  
YUV(41.9110, -11.2951, 76.3771)  
contains.

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# Color

**YUV(41.9110, -11.2951,  
76.3771)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	810213
RGB	129, 2, 19
RGB Percent	51%, 1%, 7%
CMY	0.4941, 0.9922, 0.9255
CMYK	0.00, 0.98, 0.85, 0.49
HSL	352°, 97%, 26%
HSV	352°, 98%, 51%
XYZ	9.1925, 4.7576, 1.0499
YIQ	41.9110, 70.2350, 32.2110

# Conversions

## Conversions Part 2

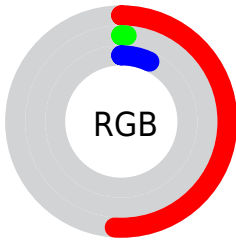
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 2, 19
Decimal	8454675
CIE Lab	26.03, 48.34, 29.90
CIE LCh	26, 56.836, 31.742
Yxy	4.7576, 0.6128, 0.3172
Android (android.graphics.Color)	4286644755 (0xFF810213)
YUV	41.9110, -11.2951, 76.3771
Hunter-Lab	21.8118, 37.0574, 12.4144

# Details

The YUV color **41.9110, -11.2951, 76.3771** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **89.0890, 11.2951, -76.3771**, and the grayscale version is **42.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.4950, -20.4570, 74.9879**, and **21.2290, -10.4659, 43.6492** is the 20% darker color. If you saturate the color by 10%, you get **40.5090, -11.5899, 77.6066**, and if you desaturate by 10%, it is **50.7960, -10.2524, 68.5849**.

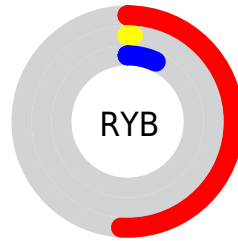
# Distribution



Red (51%)

Green (1%)

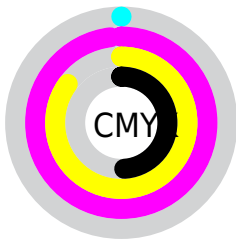
Blue (7%)



Red (51%)

Yellow (1%)

Blue (7%)

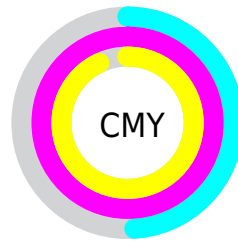


Cyan (0%)

Magenta (98%)

Yellow (85%)

Black (49%)



Cyan (49%)

Magenta (99%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 41.9110, -11.2951, 76.3771 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 41.9110, -11.2951, 76.3771 by changing the saturation by 10% instead.



41.9110, -11.2951,  
76.3771

41.9110, -11.2951,  
76.3771

253.8600, -4.3680,  
0.9998

29.9000, -14.7407,  
61.4777

103.4950,  
-20.4570, 74.9879

21.2290, -10.4659,  
43.6492

131.2350,  
-22.7939, 77.8469

13.2700, -6.0491,  
26.9502

158.6160,  
-23.9677, 81.0208


0.0000, 0.0000,  
0.0000


179.0980,  
-21.7403, 66.5661


198.4980,  
-18.4865, 49.5523


218.0120,


-14.7959, 32.4385


 238.2270,  
-10.9579, 14.7099


 41.9110, -11.2951,  
76.3771


 41.9110, -11.2951,  
76.3771


 40.5090, -11.5899,  
77.6066

 50.7960, -10.2524,  
68.5849

 59.6810, -9.2097,  
60.7928

 68.6800, -7.7302,  
52.9006

 77.5650, -6.6875,  
45.1085

 85.8630, -5.3555,  
37.8311

■ 94.7480, -4.3128,  
30.0390

■ 103.6330, -3.2701,  
22.2469

■ 112.5180, -2.2274,  
14.4547

■ 121.5170, -0.7479,  
6.5626

# Harmonies

## Analogous

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



46.7210, 7.0395, 75.6667



41.9110, -11.2951, 76.3771



56.9460, -28.0744, 44.7744

# Triad

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



41.9110, -11.2951, 76.3771



46.3220, -15.4417, -40.6244



56.4290, 46.1305, -49.4882

# Complementary

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



41.9110, -11.2951, 76.3771



89.0890, 11.2951, -76.3771

# 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.



60.4580, 38.7212, -53.0217



41.9110, -11.2951, 76.3771



53.5550, 4.6564, -46.9677

# Square

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



41.9110, -11.2951, 76.3771



50.3480, -24.8216, -18.7222



58.5710, 23.8755, -51.3668



60.4240, 37.2590, -3.8798



# Rectangle

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



41.9110, -11.2951, 76.3771



58.5860, -28.8829, 24.0421



58.5710, 23.8755, -51.3668



58.6630, 44.5361, -51.4475

# Sweetspot

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



41.9110, -11.2951, 76.3771



133.7480, -4.3128, 30.0390



48.7700, 39.5534, 53.6987



63.4260, -2.6750, 18.0434



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



41.9110, -11.2951, 76.3771



52.8540, -14.7180, 100.9830



65.8010, -31.4539, 55.4255



59.2070, -0.5951, 4.2035



40.2100, -11.4425, 76.9918



0.0000, 0.0000, 0.0000



# Inverse Universe

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



41.9110, -11.2951, 76.3771



52.8540, -14.7180, 100.9830



65.1990, 31.4539, -55.4255



59.2070, -0.5951, 4.2035



40.2100, -11.4425, 76.9918

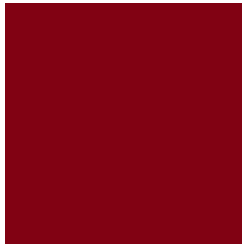


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 41.9110, -11.2951, 76.3771 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

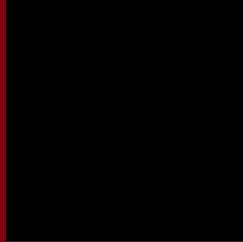
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 41.9110, -11.2951, 76.3771

## Background



This preview shows how black text looks on a background with the YUV color 41.9110, -11.2951, 76.3771.



This preview shows how white text looks on a background with the YUV color 41.9110, -11.2951,



# 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

41.9110, -11.2951, 76.3771

### Protanopia

63.2170, -15.8830, 7.7027

### Deuteranopia

60.9120, -30.0296, 18.4942



## Tritanopia

45.3160, -22.3408, 72.5139

# Trichromacy



## Original Color

41.9110, -11.2951, 76.3771

## Protanomaly

55.5390, -14.0697, 32.8533

## Deuteranomaly

53.8790, -23.1113, 39.5711

## Tritanomaly

43.7660, -18.1256, 73.8732

# Monochromacy



## Original Color

41.9110, -11.2951, 76.3771

## Achromatopsia

42.0000, 0.0000, 0.0000

## Achromatomaly

41.8510, -3.8705, 28.1947

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 41.9110, -11.2951, 76.3771 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(129, 2, 19)` looks like.

```
.text, #text, p{  
    color:rgb(129, 2, 19)  
}
```

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(129, 2, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 2, 19) }
```

## Border

The CSS property to change the border of an element to YUV 41.9110, -11.2951, 76.3771 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(129, 2, 19) }
```



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

```
.border{ border-color:rgb(129, 2, 19) }
```

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

Here you see how a box with a 4 pixel rgb(129, 2, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 2, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 2, 19);  
box-shadow:4px 4px 4px 4px rgb(129, 2, 19)  
}
```

# Background

The CSS property to change the background color of an element to YUV 41.9110, -11.2951, 76.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 2, 19) }
```

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

```
.background{ background-color: rgb(129, 2,  
19) }
```

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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