

# Converting Colors

YUV(51.9190, -3.9041, -7.8220)

Have a look what the booklet for  
YUV(51.9190, -3.9041, -7.8220)  
contains.

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# Color

**YUV(51.9190, -3.9041,  
-7.8220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B3A2C
RGB	43, 58, 44
RGB Percent	17%, 23%, 17%
CMY	0.8314, 0.7725, 0.8275
CMYK	0.26, 0.00, 0.24, 0.77
HSL	124°, 15%, 20%
HSV	124°, 26%, 23%
XYZ	2.9639, 3.7216, 2.9450
YIQ	51.9190, -4.4460, -7.5340

# Conversions

## Conversions Part 2

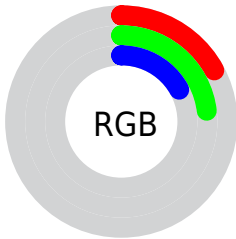
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 57, 58
Decimal	2832940
CIE Lab	22.73, -9.55, 6.74
CIE LCh	23, 11.692, 144.807
Yxy	3.7216, 0.3078, 0.3864
Android (android.graphics.Color)	4281023020 (0xFF2B3A2C)
YUV	51.9190, -3.9041, -7.8220
Hunter-Lab	19.2913, -6.3349, 4.4528

# Details

The YUV color **51.9190, -3.9041, -7.8220** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.0810, 3.9041, 7.8220**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.5060, -4.1935, -8.3368**, and **9.3920, -4.6303, -8.2368** is the 20% darker color. If you saturate the color by 10%, you get **49.5550, -5.2036, -11.0107**, and if you desaturate by 10%, it is **54.2830, -2.6045, -4.6332**.

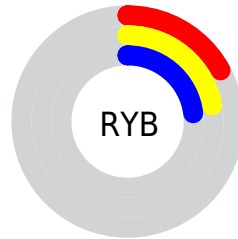
# Distribution



Red (17%)

Green (23%)

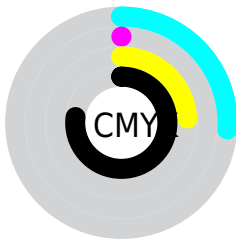
Blue (17%)



Red (17%)

Yellow (22%)

Blue (23%)

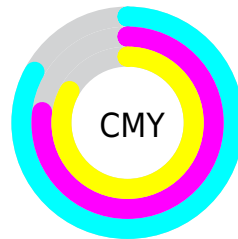


Cyan (26%)

Magenta (0%)

Yellow (24%)

Black (77%)



Cyan (83%)

Magenta (77%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 51.9190, -3.9041, -7.8220 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 51.9190, -3.9041, -7.8220 by changing the saturation by 10% instead.



■ 51.9190, -3.9041,  
-7.8220

■ 51.9190, -3.9041,  
-7.8220

255.0000, 0.0000,  
0.0000

■ 30.3320, -3.6147,  
-7.3072

■ 98.5060, -4.1935,  
-8.3368

■ 9.3920, -4.6303,  
-8.2368

■ 123.0930, -4.4828,  
-8.8516

■ 0.0000, 0.0000,  
0.0000

■ 149.0930, -4.4828,  
-8.8516

■ 175.6800, -4.7722,  
-9.3664

■ 203.2670, -5.0616,  
-9.8812

■ 231.2670, -5.0616,

-9.8812

252.5220, -1.7363,  
-3.0888

51.9190, -3.9041,  
-7.8220

51.9190, -3.9041,  
-7.8220

49.5550, -5.2036,  
-11.0107

54.2830, -2.6045,  
-4.6332

47.0770, -6.9400,  
-14.0995

56.7610, -0.8682,  
-1.5444

45.0120, -8.3869,  
-16.6735

58.8260, 0.5788,  
1.0296

42.5340, -10.1233,  
-19.7623

61.3040, 2.3151,  
4.1184

40.1700, -11.4228,  
-22.9511

63.6680, 3.6147,  
7.3072

■ 37.8060, -12.7224,  
-26.1399

■ 66.0320, 4.9142,  
10.4959

■ 35.3280, -14.4587,  
-29.2287

■ 68.5100, 6.6506,  
13.5847

■ 34.5020, -15.0375,  
-30.2583

■ 70.5750, 8.0975,  
16.1587

■ 73.0530, 9.8339,  
19.2475

# Harmonies

## Analogous

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



53.0510, -7.4201, -0.0447



51.9190, -3.9041, -7.8220



50.7270, 0.6276, -14.6696

# Triad

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



51.9190, -3.9041, -7.8220



53.2250, 8.7631, -10.7213



55.0620, -3.9746, 14.8546

# Complementary

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



51.9190, -3.9041, -7.8220



49.0810, 3.9041, 7.8220

# 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.



55.4900, 0.2514, 12.7253



51.9190, -3.9041, -7.8220



55.2370, 7.2782, -1.0848

# Square

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



51.9190, -3.9041, -7.8220



51.0670, 8.3480, -17.5988



55.7820, 4.0515, 7.2072



54.5410, -7.1687, 12.6805



# Rectangle

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



51.9190, -3.9041, -7.8220



50.2150, 3.8380, -17.7286



55.7820, 4.0515, 7.2072



55.4040, -2.6642, 14.5547

# Sweetspot

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



51.9190, -3.9041, -7.8220



74.2230, -1.5889, -3.7036



55.9910, -6.4046, 0.8849



36.4620, -0.7208, -2.1592



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000



# Same Dimension

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



51.9190, -3.9041, -7.8220



67.2020, -6.5086, -12.4552



52.7170, -0.8465, -8.5218



26.7610, -0.8682, -1.5444



54.6880, -24.0032, -47.9614



130.2630, -56.8247, -114.2407



# Inverse Universe

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



49.0810, 3.9041, 7.8220



62.6840, 6.0718, 12.5551



48.2830, 0.8465, 8.5218



26.2390, 0.8682, 1.5444



37.3120, 24.0032, 47.9614



88.8510, 57.2615, 114.1407



# Previews

## White Background



This preview shows how the YUV color 51.9190, -3.9041, -7.8220 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

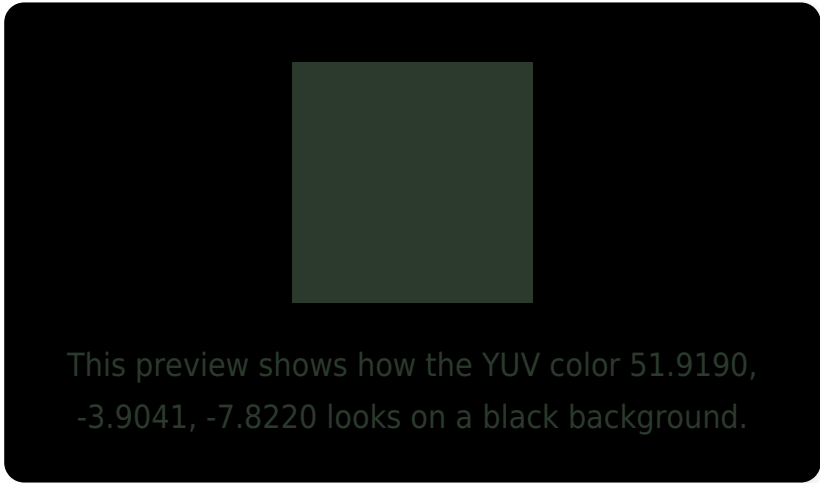
Any Text WCAG AA ✓ Pass

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

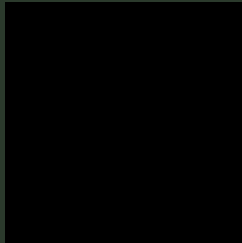
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 51.9190, -3.9041, -7.8220

## Background



This preview shows how black text looks on a background with the YUV color 51.9190, -3.9041, -7.8220.



This preview shows how white text looks on a background with the YUV color 51.9190, -3.9041, -7.8220.

-7.8220.

# 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

51.9190, -3.9041, -7.8220

### Protanopia

53.8280, -5.8312, 3.6588

### Deuteranopia

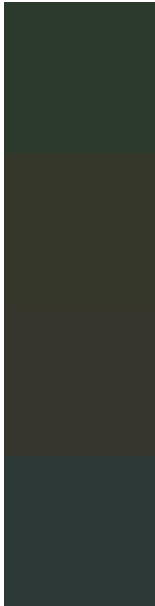
54.1920, -4.5317, 6.8476



## Tritanopia

53.4660, 3.2213, -6.5477

# Trichromacy



## Original Color

51.9190, -3.9041, -7.8220

## Protanomaly

53.0340, -4.9468, -0.0298

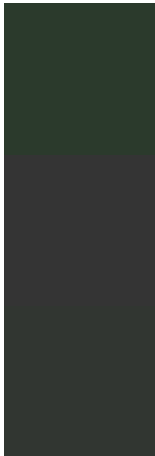
## Deuteranomaly

53.2730, -4.0786, 1.5146

## Tritanomaly

53.0700, 0.4585, -7.0774

# Monochromacy



## Original Color

51.9190, -3.9041, -7.8220

## Achromatopsia

52.0000, 0.0000, 0.0000

## Achromatomaly

51.9350, -1.4470, -2.5740

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 51.9190, -3.9041, -7.8220 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(43, 58, 44)` looks like.

```
.text, #text, p{  
    color:rgb(43, 58, 44)  
}
```

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(43, 58, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 58, 44) }
```

## Border

The CSS property to change the border of an element to YUV 51.9190, -3.9041, -7.8220 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(43, 58, 44) }
```



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

```
.border{ border-color:rgb(43, 58, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 58, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 58, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 58, 44);  
box-shadow:4px 4px 4px 4px rgb(43, 58, 44)  
}
```

# Background

The CSS property to change the background color of an element to YUV 51.9190, -3.9041, -7.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 58, 44) }
```

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

```
.background{ background-color: rgb(43, 58,  
44) }
```

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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