

# Converting Colors

YUV(57.5860, -12.1209,  
14.3951)

Have a look what the booklet for  
YUV(57.5860, -12.1209, 14.3951)  
contains.

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# Color

**YUV(57.5860, -12.1209,  
14.3951)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A3621
RGB	74, 54, 33
RGB Percent	29%, 21%, 13%
CMY	0.7098, 0.7882, 0.8706
CMYK	0.00, 0.27, 0.55, 0.71
HSL	31°, 38%, 21%
HSV	31°, 55%, 29%
XYZ	4.4177, 4.2040, 2.0175
YIQ	57.5860, 18.6610, -2.2910

# Conversions

## Conversions Part 2

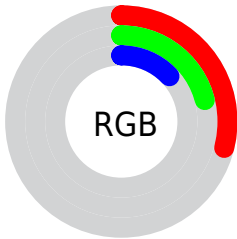
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 74, 33
Decimal	4863521
CIELab	24.33, 5.92, 16.62
CIElCh	24, 17.641, 70.405
Yxy	4.2040, 0.4152, 0.3951
Android (android.graphics.Color)	4283053601 (0xFF4A3621)
YUV	57.5860, -12.1209, 14.3951
Hunter-Lab	20.5036, 2.5784, 8.5187

# Details

The YUV color **57.5860, -12.1209, 14.3951** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **49.4140, 12.1209, -14.3951**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.2550, -13.4367, 16.4394**, and **14.5410, -7.1687, 12.6805** is the 20% darker color. If you saturate the color by 10%, you get **54.4400, -14.0209, 17.1541**, and if you desaturate by 10%, it is **60.7320, -10.2209, 11.6360**.

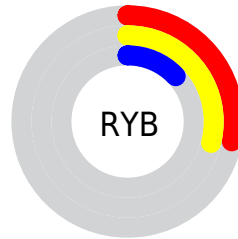
# Distribution



Red (29%)

Green (21%)

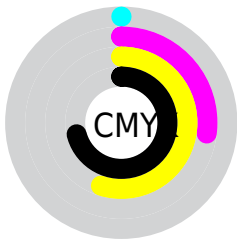
Blue (13%)



Red (28%)

Yellow (29%)

Blue (13%)

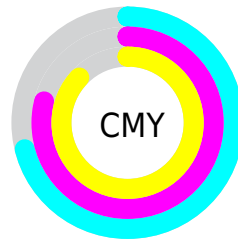


Cyan (0%)

Magenta (27%)

Yellow (55%)

Black (71%)



Cyan (71%)

Magenta (79%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 57.5860, -12.1209, 14.3951 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 57.5860, -12.1209, 14.3951 by changing the saturation by 10% instead.



■ 57.5860, -12.1209,  
14.3951

■ 57.5860, -12.1209,  
14.3951

■ 255.0000, 0.0000,  
0.0000

■ 35.8740, -12.2629,  
13.2655

■ 105.2550,  
-13.4367, 16.4394

■ 14.5410, -7.1687,  
12.6805

■ 130.4400,  
-14.0209, 17.1541

■ 0.0000, 0.0000,  
0.0000

■ 156.3370,  
-14.4631, 18.9985

■ 183.2230,  
-14.8999, 19.0984

■ 211.4080,  
-15.4841, 19.8132

■ 237.2010,

-14.8891, 15.6097

■ 252.7200, -8.7360,  
1.9996

■ 57.5860, -12.1209,  
14.3951

■ 57.5860, -12.1209,  
14.3951

■ 54.4400, -14.0209,  
17.1541

■ 60.7320, -10.2209,  
11.6360

■ 51.7670, -16.6471,  
19.4983

■ 63.4050, -7.5947,  
9.2918

■ 48.6210, -18.5472,  
22.2574

■ 66.5510, -5.6946,  
6.5328

■ 45.9480, -21.1734,  
24.6016

■ 69.2240, -3.0684,  
4.1886

■ 44.4320, -21.9050,  
25.9311

■ 72.3700, -1.1684,  
1.4295

■ 75.5160, 0.7316,  
-1.3295

■ 78.1890, 3.3578,  
-3.6738

■ 81.3350, 5.2578,  
-6.4328

■ 84.0080, 7.8841,  
-8.7770

# Harmonies

## Analogous

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



58.5420, -8.6482, 20.5727



57.5860, -12.1209, 14.3951



56.7050, -12.6726, 4.6437

# Triad

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



57.5860, -12.1209, 14.3951



48.8110, 6.5022, -32.2832



59.4380, 9.1511, 4.8779

# Complementary

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



57.5860, -12.1209, 14.3951



49.4140, 12.1209, -14.3951

# 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.



57.3760, 13.1256, -9.9768



57.5860, -12.1209, 14.3951



47.3140, 13.6492, -37.9864

# Square

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



57.5860, -12.1209, 14.3951



52.3090, -2.1243, -18.6880



52.7330, 14.9216, -26.0758



59.7230, 3.5876, 16.0289



# Rectangle

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



57.5860, -12.1209, 14.3951



55.5300, -10.6143, -2.2188



52.7330, 14.9216, -26.0758



58.8720, 10.9091, 0.9893

# Sweetspot

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



57.5860, -12.1209, 14.3951



90.3660, -5.1104, 5.8180



47.6530, 3.1291, 23.1063



44.6260, -2.7736, 2.9590



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000



# Same Dimension

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



57.5860, -12.1209, 14.3951



71.5070, -18.9840, 22.3574



69.3260, -17.9087, 4.0991



36.3700, -1.1684, 1.4295



61.0220, -30.0838, 35.9377



138.0360, -68.0517, 80.6524



# Inverse Universe

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



49.4140, 12.1209, -14.3951



58.4930, 18.9840, -22.3574



37.6740, 17.9087, -4.0991



35.6300, 1.1684, -1.4295



40.9780, 30.0838, -35.9377



91.9640, 68.0517, -80.6524



# Previews

## White Background



This preview shows how the YUV color 57.5860, -12.1209, 14.3951 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



This preview shows how the YUV color 57.5860, -12.1209, 14.3951 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

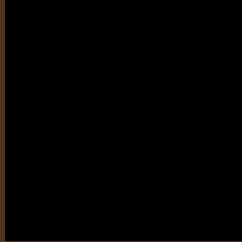
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 57.5860, -12.1209, 14.3951

## Background



This preview shows how black text looks on a background with the YUV color 57.5860, -12.1209, 14.3951.



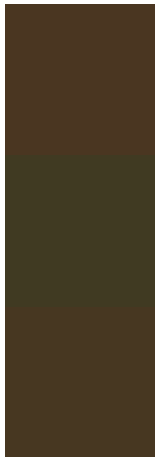
This preview shows how white text looks on a background with the YUV color 57.5860, -12.1209,



# 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

57.5860, -12.1209, 14.3951

### Protanopia

57.0580, -11.3676, 6.0881

### Deuteranopia

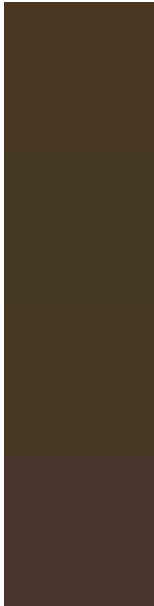
57.2760, -11.9681, 12.0359



## Tritanopia

58.9310, -1.9380, 14.9695

# Trichromacy



## Original Color

57.5860, -12.1209, 14.3951

## Protanomaly

57.6670, -11.6678, 9.0620

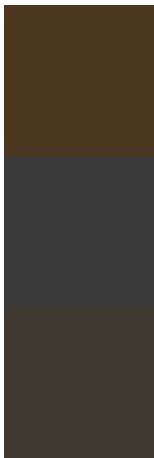
## Deuteranomaly

57.5750, -12.1155, 12.6507

## Tritanomaly

58.3070, -5.5744, 14.6398

# Monochromacy



## Original Color

57.5860, -12.1209, 14.3951

## Achromatopsia

58.0000, 0.0000, 0.0000

## Achromatomaly

58.1810, -4.5262, 5.1033

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 57.5860, -12.1209, 14.3951 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(74, 54, 33)` looks like.

```
.text, #text, p{  
    color:rgb(74, 54, 33)  
}
```

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(74, 54, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 54, 33) }
```

## Border

The CSS property to change the border of an element to YUV 57.5860, -12.1209, 14.3951 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(74, 54, 33) }
```



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

```
.border{ border-color:rgb(74, 54, 33) }
```

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

Here you see how a box with a 4 pixel rgb(74, 54, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 54, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 54, 33);  
box-shadow:4px 4px 4px 4px rgb(74, 54, 33)  
}
```

# Background

The CSS property to change the background color of an element to YUV 57.5860, -12.1209, 14.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 54, 33) }
```

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

```
.background{ background-color: rgb(74, 54,  
33) }
```

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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