

Converting Colors

YUV(63.0910, -11.3839,
11.3212)

Have a look what the booklet for
YUV(63.0910, -11.3839, 11.3212)
contains.

YUV(63.0910, -11.3839, 11.3212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(63.0910, -11.3839,
11.3212)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3D28
RGB	76, 61, 40
RGB Percent	30%, 24%, 16%
CMY	0.7020, 0.7608, 0.8431
CMYK	0.00, 0.20, 0.47, 0.70
HSL	35°, 31%, 23%
HSV	35°, 47%, 30%
XYZ	5.0322, 5.0272, 2.7126
YIQ	63.0910, 15.6810, -3.3510

Conversions

Conversions Part 2

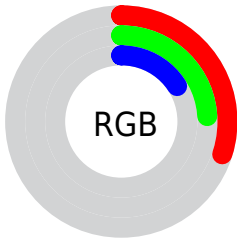
Format	Color
RYB	66, 76, 40
Decimal	4996392
CIELab	26.81, 3.21, 15.40
CIElCh	27, 15.733, 78.212
Yxy	5.0272, 0.3940, 0.3936
Android (android.graphics.Color)	4283186472 (0xFF4C3D28)
YUV	63.0910, -11.3839, 11.3212
Hunter-Lab	22.4214, 0.8250, 8.5219

Details

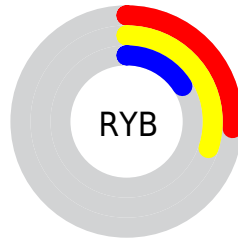
The YUV color **63.0910, -11.3839, 11.3212** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **52.9090, 11.3839, -11.3212**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.7600, -12.6997, 13.3655**, and **20.7210, -10.2155, 9.8917** is the 20% darker color. If you saturate the color by 10%, you get **60.4180, -14.0101, 13.6654**, and if you desaturate by 10%, it is **65.7640, -8.7577, 8.9770**.

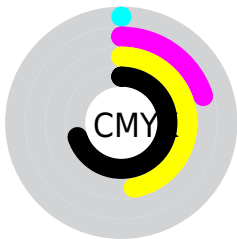
Distribution



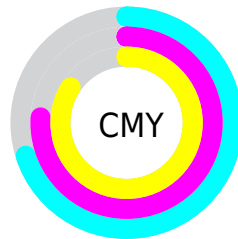
- Red (30%)
- Green (24%)
- Blue (16%)



- Red (26%)
- Yellow (30%)
- Blue (16%)



- Cyan (0%)
- Magenta (20%)
- Yellow (47%)
- Black (70%)



- Cyan (70%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 63.0910, -11.3839, 11.3212 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 63.0910, -11.3839, 11.3212 by changing the saturation by 10% instead.

■ 63.0910, -11.3839,
11.3212

■ 63.0910, -11.3839,
11.3212

■ 255.0000, 0.0000,
0.0000

■ 40.9060, -10.7997,
10.6064

■ 110.7600,
-12.6997, 13.3655

■ 20.7210, -10.2155,
9.8917

■ 136.6460,
-13.1365, 13.4655

■ 0.0000, 0.0000,
0.0000

■ 162.8310,
-13.7207, 14.1802

■ 190.0160,
-14.3049, 14.8950

■ 217.3150,
-14.4523, 15.5097

■ 243.5100,

-13.5624, 10.0767

253.8600, -4.3680,
0.9998

63.0910, -11.3839,
11.3212

63.0910, -11.3839,
11.3212

60.4180, -14.0101,
13.6654

65.7640, -8.7577,
8.9770

57.8590, -16.1995,
15.9097

68.3230, -6.5682,
6.7327

55.1860, -18.8257,
18.2539

71.5830, -4.2314,
3.8737

52.0400, -20.7257,
21.0129

74.1420, -2.0420,
1.6295

49.3670, -23.3519,
23.3571

76.8150, 0.5842,
-0.7148

■ 48.5520, -23.9361,
24.0719

■ 79.4880, 3.2104,
-3.0590

■ 82.0470, 5.3998,
-5.3032

■ 84.7200, 8.0260,
-7.6474

■ 87.8660, 9.9261,
-10.4065

Harmonies

Analogous

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



63.8190, -8.7848, 17.6987



63.0910, -11.3839, 11.3212



61.8510, -10.7725, 1.8847

Triad

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



63.0910, -11.3839, 11.3212



56.5450, 6.6333, -27.6650



65.1780, 6.8142, 7.7369

Complementary

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



63.0910, -11.3839, 11.3212



52.9090, 11.3839, -11.3212

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.



63.5400, 11.0728, -4.8586



63.0910, -11.3839, 11.3212



57.5110, 11.5801, -27.6351

Square

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



63.0910, -11.3839, 11.3212



58.4660, -0.2297, -19.7027



60.6200, 13.0053, -18.0837



65.2670, 1.8404, 16.4288

Rectangle

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



63.0910, -11.3839, 11.3212



60.7900, -8.2775, -5.0778



60.6200, 13.0053, -18.0837



64.6120, 8.5723, 3.8483

Sweetspot

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



63.0910, -11.3839, 11.3212



94.5830, -4.2314, 3.8737



52.4740, 1.2453, 20.6323



47.6260, -2.7736, 2.9590



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



63.0910, -11.3839, 11.3212



79.1150, -17.8047, 17.4391



70.9990, -15.2825, 1.7549



36.9570, -1.4578, 0.9147



65.7180, -32.3990, 31.8193



147.4280, -72.6820, 72.4156

Inverse Universe

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



52.9090, 11.3839, -11.3212



62.8850, 17.8047, -17.4391



45.0010, 15.2825, -1.7549



35.6300, 1.1684, -1.4295



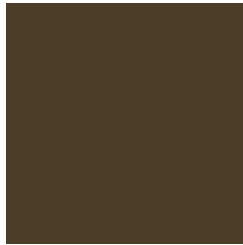
36.8690, 32.1096, -32.3341



82.5720, 72.6820, -72.4156

Previews

White Background



This preview shows how the YUV color 63.0910, -11.3839, 11.3212 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 63.0910, -11.3839, 11.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

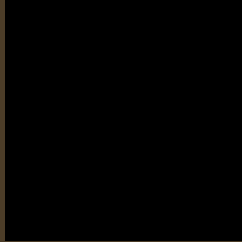
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.0910, -11.3839, 11.3212

Background



This preview shows how black text looks on a background with the YUV color 63.0910, -11.3839, 11.3212.

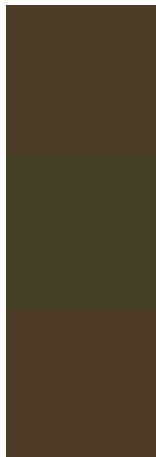


This preview shows how white text looks on a background with the YUV color 63.0910, -11.3839,

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

63.0910, -11.3839, 11.3212

Protanopia

62.8730, -10.7834, 5.3734

Deuteranopia

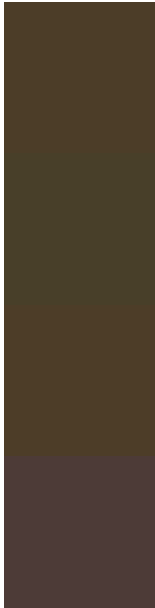
63.3900, -11.5313, 11.9360



Tritanopia

64.5500, -0.7641, 11.7957

Trichromacy



Original Color

63.0910, -11.3839, 11.3212

Protanomaly

63.1830, -10.9362, 7.7325

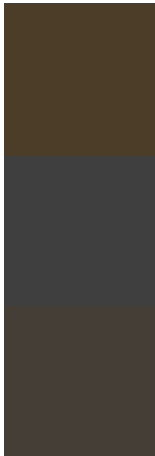
Deuteranomaly

63.3900, -11.5313, 11.9360

Tritanomaly

63.9260, -4.4005, 11.4659

Monochromacy



Original Color

63.0910, -11.3839, 11.3212

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.9960, -3.9420, 4.3885

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.0910, -11.3839, 11.3212 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(76, 61, 40)` looks like.

```
.text, #text, p{  
    color:rgb(76, 61, 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(76, 61, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 61, 40) }
```

Border

The CSS property to change the border of an element to YUV 63.0910, -11.3839, 11.3212 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(76, 61, 40) }
```


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

```
.border{ border-color:rgb(76, 61, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 61, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 61, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 61, 40);  
box-shadow:4px 4px 4px 4px rgb(76, 61, 40)  
}
```

Background

The CSS property to change the background color of an element to YUV 63.0910, -11.3839, 11.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 61, 40) }
```

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

```
.background{ background-color: rgb(76, 61,  
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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