

# Converting Colors

YUV(59.6510, -10.6739,  
16.9691)

Have a look what the booklet for  
YUV(59.6510, -10.6739, 16.9691)  
contains.

<b>YUV(59.6510, -10.6739, 16.9691)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(59.6510, -10.6739,  
16.9691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F3626
RGB	79, 54, 38
RGB Percent	31%, 21%, 15%
CMY	0.6902, 0.7882, 0.8510
CMYK	0.00, 0.32, 0.52, 0.69
HSL	23°, 35%, 23%
HSV	23°, 52%, 31%
XYZ	4.8935, 4.4405, 2.4329
YIQ	59.6510, 20.0360, 0.3240

# Conversions

## Conversions Part 2

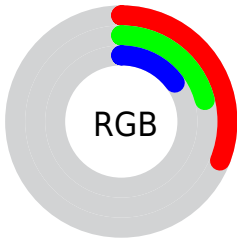
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 64, 38
Decimal	5191206
CIELab	25.08, 8.95, 14.49
CIELCh	25, 17.032, 58.303
Yxy	4.4405, 0.4159, 0.3774
Android (android.graphics.Color)	4283381286 (0xFF4F3626)
YUV	59.6510, -10.6739, 16.9691
Hunter-Lab	21.0726, 4.5742, 7.9055




# Details

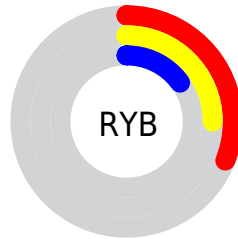
The YUV color **59.6510, -10.6739, 16.9691** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **57.3490, 10.6739, -16.9691**, and the grayscale version is **60.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **107.6190, -12.1372, 19.6281**, and **16.6230, -8.1951, 15.2396** is the 20% darker color. If you saturate the color by 10%, you get **55.8040, -12.7214, 20.3429**, and if you desaturate by 10%, it is **63.4980, -8.6265, 13.5953**.

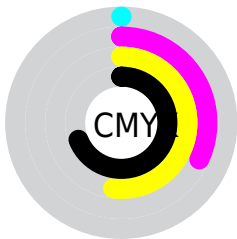
# Distribution







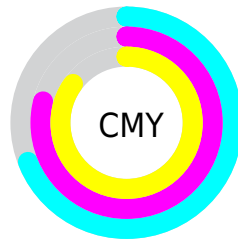
-  Red (31%)
-  Green (21%)
-  Blue (15%)






-  Red (31%)
-  Yellow (25%)
-  Blue (15%)



-  Cyan (0%)
-  Magenta (32%)
-  Yellow (52%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (79%)
-  Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 59.6510, -10.6739, 16.9691 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 59.6510, -10.6739, 16.9691 by changing the saturation by 10% instead.



■ 59.6510, -10.6739,  
16.9691

■ 59.6510, -10.6739,  
16.9691

■ 255.0000, 0.0000,  
0.0000

■ 37.7540, -10.2317,  
15.1247

■ 107.6190,  
-12.1372, 19.6281

■ 16.6230, -8.1951,  
15.2396

■ 132.8040,  
-12.7214, 20.3429

■ 0.0000, 0.0000,  
0.0000

■ 159.1030,  
-12.8688, 20.9577

■ 185.7010,  
-13.1636, 22.1872

■ 213.8860,  
-13.7478, 22.9020

■ 237.8850,

-12.2683, 15.0099

■ 253.5180, -5.6784,  
1.2997

■ 59.6510, -10.6739,  
16.9691

■ 59.6510, -10.6739,  
16.9691

■ 55.8040, -12.7214,  
20.3429

■ 63.4980, -8.6265,  
13.5953

■ 51.9570, -14.7688,  
23.7167

■ 67.3450, -6.5791,  
10.2214

■ 48.6970, -17.1056,  
26.5757

■ 70.6050, -4.2423,  
7.3624

■ 44.8500, -19.1530,  
29.9496

■ 74.4520, -2.1948,  
3.9886

■ 41.8180, -20.6163,  
32.6086

■ 78.2990, -0.1474,  
0.6148

■ 82.0320, 1.4632,  
-2.6591

■ 85.8790, 3.5107,  
-6.0329

■ 89.7260, 5.5581,  
-9.4067

■ 92.9860, 7.8949,  
-12.2657

# Harmonies

## Analogous

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



60.5250, -6.1748, 20.5876



59.6510, -10.6739, 16.9691



58.5530, -12.1046, 9.1620

# Triad

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



59.6510, -10.6739, 16.9691



52.5300, 2.6967, -25.0208



60.1600, 10.7671, -0.1403

# Complementary

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



59.6510, -10.6739, 16.9691



57.3490, 10.6739, -16.9691

# 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.



57.4570, 13.5787, -15.3098



59.6510, -10.6739, 16.9691



50.1250, 10.2914, -34.3126

# Square

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



59.6510, -10.6739, 16.9691



55.3590, -4.6140, -13.4698



52.4830, 14.0589, -29.3646



61.2710, 5.7824, 12.0403



# Rectangle

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



59.6510, -10.6739, 16.9691



57.7370, -11.2093, 1.9847



52.4830, 14.0589, -29.3646



59.7680, 11.9464, -5.0585

# Sweetspot

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



59.6510, -10.6739, 16.9691



94.3060, -4.0949, 6.7476



53.1090, 4.8763, 22.7064



46.3380, -2.6316, 4.0886



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.



59.6510, -10.6739, 16.9691



71.9250, -16.2320, 26.3758



71.3910, -16.4618, 6.6731



36.3700, -1.1684, 1.4295



53.9780, -26.6112, 42.1153



121.6000, -59.9488, 95.0668



# Inverse Universe

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



57.3490, 10.6739, -16.9691



68.4880, 16.5214, -25.8610



45.6090, 16.4618, -6.6731



36.2170, 0.8790, -1.9443



48.0220, 26.6112, -42.1153



108.4000, 59.9488, -95.0668



# Previews

## White Background



This preview shows how the YUV color 59.6510, -10.6739, 16.9691 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 59.6510, -10.6739, 16.9691 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

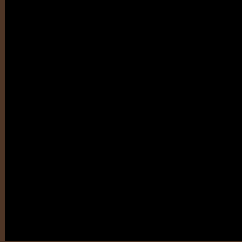
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 59.6510, -10.6739, 16.9691

## Background



This preview shows how black text looks on a background with the YUV color 59.6510, -10.6739, 16.9691.



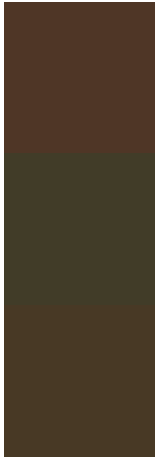
This preview shows how white text looks on a background with the YUV color 59.6510, -10.6739,



# 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

59.6510, -10.6739, 16.9691

### Protanopia

59.2150, -9.4730, 5.0734

### Deuteranopia

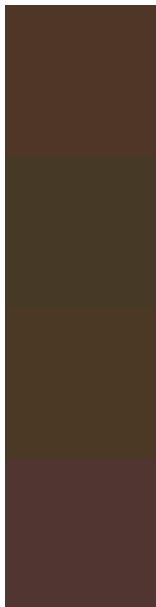
59.2050, -10.9471, 11.2212



## Tritanopia

60.8280, -2.3802, 16.8138

# Trichromacy



## Original Color

59.6510, -10.6739, 16.9691

## Protanomaly

59.4220, -10.0680, 9.2769

## Deuteranomaly

59.5150, -11.0999, 13.5803

## Tritanomaly

60.6170, -5.7272, 16.9989

# Monochromacy



## Original Color

59.6510, -10.6739, 16.9691

## Achromatopsia

60.0000, 0.0000, 0.0000

## Achromatomaly

60.0070, -3.9475, 6.1329

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 59.6510, -10.6739, 16.9691 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(79, 54, 38)` looks like.

```
.text, #text, p{  
    color:rgb(79, 54, 38)  
}
```

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(79, 54, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 54, 38) }
```

## Border

The CSS property to change the border of an element to YUV 59.6510, -10.6739, 16.9691 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(79, 54, 38) }
```



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

```
.border{ border-color:rgb(79, 54, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 54, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 54, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 54, 38);  
box-shadow:4px 4px 4px 4px rgb(79, 54, 38)  
}
```

# Background

The CSS property to change the background color of an element to YUV 59.6510, -10.6739, 16.9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 54, 38) }
```

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

```
.background{ background-color: rgb(79, 54,  
38) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor