

# Converting Colors

YUV(75.1770, -25.2303,  
19.1388)

Have a look what the booklet for  
YUV(75.1770, -25.2303, 19.1388)  
contains.

<b>YUV(75.1770, -25.2303, 19.1388)</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(75.1770, -25.2303,  
19.1388)**

# Conversions

## Conversions Part 1

Format	Color
Hex	614A18
RGB	97, 74, 24
RGB Percent	38%, 29%, 9%
CMY	0.6196, 0.7098, 0.9059
CMYK	0.00, 0.24, 0.75, 0.62
HSL	41°, 60%, 24%
HSV	41°, 75%, 38%
XYZ	7.5434, 7.5049, 1.9152
YIQ	75.1770, 29.7580, -10.6740

# Conversions

## Conversions Part 2

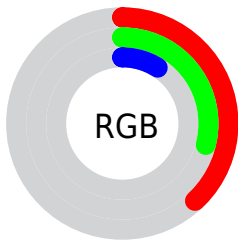
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 97, 24
Decimal	6375960
CIE <sub>Lab</sub>	32.93, 3.97, 32.35
CIE <sub>LCh</sub>	33, 32.591, 83.007
Yxy	7.5049, 0.4447, 0.4424
Android (android.graphics.Color)	4284566040 (0xFF614A18)
YUV	75.1770, -25.2303, 19.1388
Hunter-Lab	27.3951, 1.2098, 15.0316

# Details


The YUV color **75.1770, -25.2303, 19.1388** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **45.8230, 25.2303, -19.1388**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.4440, -26.8409, 22.4126**, and **32.2500, -15.8993, 12.9358** is the 20% darker color. If you saturate the color by 10%, you get **72.2760, -28.7301, 21.6829**, and if you desaturate by 10%, it is **78.0780, -21.7305, 16.5946**.

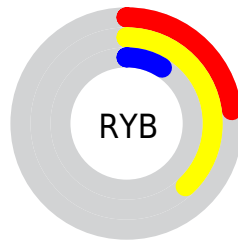
# Distribution



 Red (38%)

 Green (29%)

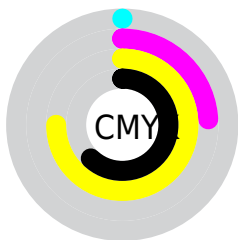
 Blue (9%)




 Red (23%)

 Yellow (38%)

 Blue (9%)

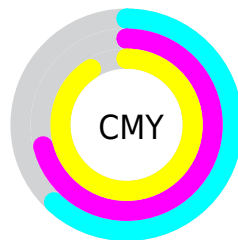


 Cyan (0%)

 Magenta (24%)

 Yellow (75%)

 Black (62%)



 Cyan (62%)

 Magenta (71%)

 Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 75.1770, -25.2303, 19.1388 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 75.1770, -25.2303, 19.1388 by changing the saturation by 10% instead.



■ 75.1770, -25.2303,  
19.1388

■ 75.1770, -25.2303,  
19.1388

255.0000, 0.0000,  
0.0000

■ 52.0520, -25.6616,  
17.4944

■ 124.4440,  
-26.8409, 22.4126

■ 32.2500, -15.8993,  
12.9358

■ 150.9280,  
-27.5725, 23.7421

■ 10.6870, -5.2687,  
9.9215

■ 177.9990,  
-28.5935, 24.5569

■ 0.0000, 0.0000,  
0.0000

■ 205.4830,  
-29.3251, 25.8864

■ 230.9770,  
-28.5827, 21.0682

■ 248.7300,

-24.0239, 5.4988

252.0360,  
-11.3567, 2.5994

75.1770, -25.2303,  
19.1388

75.1770, -25.2303,  
19.1388

72.2760, -28.7301,  
21.6829

78.0780, -21.7305,  
16.5946

69.4890, -31.7931,  
24.1271

80.8650, -18.6674,  
14.1504

67.7450, -33.3983,  
25.6566

83.7660, -15.1676,  
11.6062

86.6670, -11.6678,  
9.0620

89.5680, -8.1680,  
6.5179

■ 92.3550, -5.1050,  
4.0737

■ 95.2560, -1.6052,  
1.5295

■ 98.1570, 1.8946,  
-1.0147

■ 101.5310, 4.6682,  
-3.9737

# Harmonies

## Analogous

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



76.1710, -19.3113, 34.0530



75.1770, -25.2303, 19.1388



72.7400, -22.5498, -0.6490

# Triad

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



75.1770, -25.2303, 19.1388



63.8880, 16.3242, -56.0298



80.2040, 14.1964, 19.9921

# Complementary

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



75.1770, -25.2303, 19.1388



45.8230, 25.2303, -19.1388

# 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.



77.7320, 23.3031, -7.6580



75.1770, -25.2303, 19.1388



65.1080, 26.0758, -57.0997

# Square

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



75.1770, -25.2303, 19.1388



60.8100, 4.5307, -53.3304



62.7260, 32.1801, -55.0107



78.1540, 3.3751, 37.5759



# Rectangle

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



75.1770, -25.2303, 19.1388



70.6610, -16.1019, -15.4887



62.7260, 32.1801, -55.0107



79.9580, 17.2757, 12.3148

# Sweetspot

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



75.1770, -25.2303, 19.1388



116.4110, -10.0626, 7.5326



48.4490, -0.7144, 42.5792



58.4260, -6.1260, 4.8884



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000



# Same Dimension

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



75.1770, -25.2303, 19.1388



91.5730, -39.2295, 29.3155



84.7910, -29.9700, -0.6937



46.9570, -1.4578, 0.9147



78.6870, -38.7927, 29.2155



168.0280, -82.8378, 63.1194



# Inverse Universe

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



45.8230, 25.2303, -19.1388



46.0140, 38.9401, -29.8303



36.2090, 29.9700, 0.6937



45.0430, 1.4578, -0.9147



33.3130, 38.7927, -29.2155



71.9720, 82.8378, -63.1194



# Previews

## White Background



This preview shows how the YUV color 75.1770, -25.2303, 19.1388 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 75.1770, -25.2303, 19.1388 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

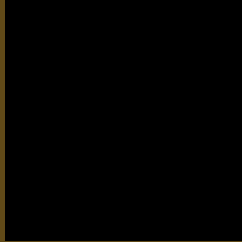
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 75.1770, -25.2303, 19.1388

## Background



This preview shows how black text looks on a background with the YUV color 75.1770, -25.2303, 19.1388.



This preview shows how white text looks on a background with the YUV color 75.1770, -25.2303,



# 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

75.1770, -25.2303, 19.1388

### Protanopia

74.6490, -24.4770, 10.8318

### Deuteranopia

75.1770, -25.2303, 19.1388



## Tritanopia

78.8390, -2.3856, 18.5582

# Trichromacy



## Original Color

75.1770, -25.2303, 19.1388

## Protanomaly

75.2580, -24.7772, 13.8057

## Deuteranomaly

75.1770, -25.2303, 19.1388

## Tritanomaly

77.6620, -10.6794, 18.7134

# Monochromacy



## Original Color

75.1770, -25.2303, 19.1388

## Achromatopsia

75.0000, 0.0000, 0.0000

## Achromatomaly

75.2260, -9.4784, 6.8178

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 75.1770, -25.2303, 19.1388 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(97, 74, 24)` looks like.

```
.text, #text, p{  
    color:rgb(97, 74, 24)  
}
```

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(97, 74, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 74, 24) }
```

## Border

The CSS property to change the border of an element to YUV 75.1770, -25.2303, 19.1388 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(97, 74, 24) }
```



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

```
.border{ border-color:rgb(97, 74, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 74, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 74, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 74, 24);  
box-shadow:4px 4px 4px 4px rgb(97, 74, 24)  
}
```

# Background

The CSS property to change the background color of an element to YUV 75.1770, -25.2303, 19.1388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 74, 24) }
```

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

```
.background{ background-color: rgb(97, 74,  
24) }
```

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