

# Converting Colors

YUV(115.6410, 1.1630, 0.3148)

Have a look what the booklet for  
YUV(115.6410, 1.1630, 0.3148)  
contains.

<b>YUV(115.6410, 1.1630, 0.3148)</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(115.6410, 1.1630,  
0.3148)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	747376
RGB	116, 115, 118
RGB Percent	45%, 45%, 46%
CMY	0.5451, 0.5490, 0.5373
CMYK	0.02, 0.03, 0.00, 0.54
HSL	260°, 1%, 46%
HSV	260°, 3%, 46%
XYZ	16.6032, 17.2825, 19.6003
YIQ	115.6410, -0.3670, 1.1450

# Conversions

## Conversions Part 2

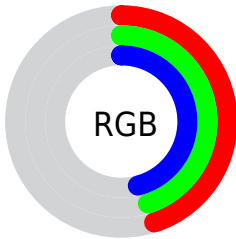
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 115, 118
Decimal	7631734
CIE Lab	48.61, 1.00, -1.52
CIE LCh	49, 1.820, 303.155
Yxy	17.2825, 0.3104, 0.3231
Android (android.graphics.Color)	4285821814 (0xFF747376)
YUV	115.6410, 1.1630, 0.3148
Hunter-Lab	41.5722, -1.4616, 1.1467

# Details

The YUV color **115.6410, 1.1630, 0.3148** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **117.3590, -1.1630, -0.3148**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6410, 1.1630, 0.3148**, and **67.6410, 1.1630, 0.3148** is the 20% darker color. If you saturate the color by 10%, you get **106.2050, 5.8149, 1.5742**, and if you desaturate by 10%, it is **125.0770, -3.4890, -0.9445**.

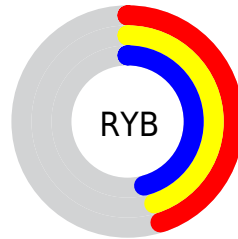
# Distribution



Red (45%)

Green (45%)

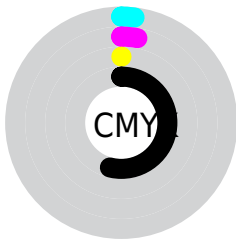
Blue (46%)



Red (45%)

Yellow (45%)

Blue (46%)

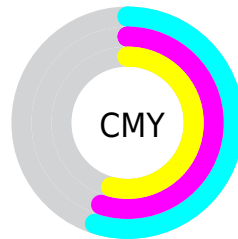


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (54%)



Cyan (55%)

Magenta (55%)


Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 115.6410, 1.1630, 0.3148 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 115.6410, 1.1630, 0.3148 by changing the saturation by 10% instead.




 115.6410, 1.1630,  
0.3148


 115.6410, 1.1630,  
0.3148


255.0000, 0.0000,  
0.0000

 90.6410, 1.1630,  
0.3148


 167.6410, 1.1630,  
0.3148


 67.6410, 1.1630,  
0.3148

 194.6410, 1.1630,  
0.3148

 45.6410, 1.1630,  
0.3148

 222.6410, 1.1630,  
0.3148

 24.6410, 1.1630,  
0.3148

 251.0540, 1.4524,  
0.8296

 0.0000, 0.0000,  
0.0000

 115.6410, 1.1630,

 115.6410, 1.1630,

0.3148

■ 106.2050, 5.8149,  
1.5742

■ 96.7690, 10.4669,  
2.8336

■ 87.9200, 14.8294,  
3.5782

■ 78.7830, 19.3340,  
5.4523

■ 69.3470, 23.9859,  
6.7117

■ 59.9110, 28.6379,  
7.9711

■ 50.4750, 33.2898,  
9.2304

■ 41.6260, 37.6524,  
9.9750

0.3148

■ 125.0770, -3.4890,  
-0.9445

■ 134.5130, -8.1409,  
-2.2039

■ 143.3620,  
-12.5035, -2.9485

■ 152.4990,  
-17.0080, -4.8226

■ 161.9350,  
-21.6600, -6.0820

■ 171.3710,  
-26.3119, -7.3414

■ 180.8070,  
-30.9639, -8.6007

■ 189.6560,  
-35.3264, -9.3453

■ 32.1900, 42.3043,  
11.2344

■ 199.0920,  
-39.9784, -10.6047

# Harmonies

## Analogous

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



115.6300, 1.1684, -1.4295



115.6410, 1.1630, 0.3148



116.1250, 0.4314, 1.6444

# Triad

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



115.6410, 1.1630, 0.3148



115.6690, -1.3158, 2.0443



114.8040, 0.5896, -2.4591

# Complementary

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



115.6410, 1.1630, 0.3148



117.3590, -1.1630, -0.3148

# 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.



114.8750, -0.4314, -1.6444



115.6410, 1.1630, 0.3148



115.2560, -1.6052, 1.5295

# Square

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



115.6410, 1.1630, 0.3148



116.0820, -1.0264, 2.5591



115.3590, -1.1630, -0.3148



114.9180, 1.0264, -2.5591



# Rectangle

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



115.6410, 1.1630, 0.3148



115.4240, 0.2840, 2.2592



115.3590, -1.1630, -0.3148



114.6900, 0.1528, -2.3591

# Sweetspot

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



115.6410, 1.1630, 0.3148



151.5270, 0.7262, 0.4148



116.5160, 0.7316, -1.3295



76.1140, 0.4368, -0.1000



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



115.6410, 1.1630, 0.3148



149.1680, 1.8892, 0.7297



115.9400, 1.0156, 0.9296



56.6410, 1.1630, 0.3148



26.1670, 47.2457, 13.0085



53.3170, 96.9647, 26.0320



# Inverse Universe

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



116.1250, 0.4314, 1.6444



149.8370, 0.5734, 2.7740



117.0600, -1.0156, -0.9296



57.1250, 0.4314, 1.6444



45.8260, 17.8338, 66.8046



93.7880, 36.0935, 136.9979



# Previews

## White Background



This preview shows how the YUV color 115.6410, 1.1630, 0.3148 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 × Fail



# Black Background



This preview shows how the YUV color 115.6410, 1.1630, 0.3148 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

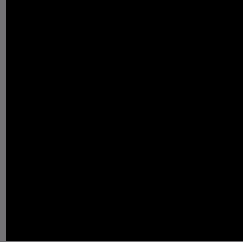
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 115.6410, 1.1630, 0.3148

## Background



This preview shows how black text looks on a background with the YUV color 115.6410, 1.1630, 0.3148.



This preview shows how white text looks on a background with the YUV color 115.6410, 1.1630,

0.3148.

# 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

115.6410, 1.1630, 0.3148

### Protanopia

115.9400, 1.0156, 0.9296

### Deuteranopia

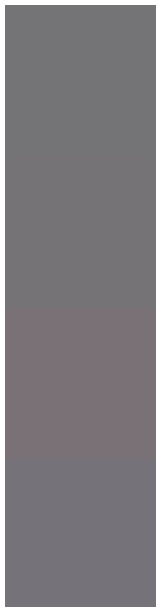
116.6850, 1.1413, 7.2923



## Tritanopia

115.9230, 3.4890, 0.9445

# Trichromacy



## Original Color

115.6410, 1.1630, 0.3148

## Protanomaly

115.9400, 1.0156, 0.9296

## Deuteranomaly

116.3750, 1.2941, 4.9331

## Tritanomaly

115.6950, 2.6154, 1.1445

# Monochromacy



## Original Color

115.6410, 1.1630, 0.3148

## Achromatopsia

116.0000, 0.0000, 0.0000

## Achromatomaly

116.1140, 0.4368, -0.1000

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 115.6410, 1.1630, 0.3148 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(116, 115, 118)` looks like.

```
.text, #text, p{  
    color:rgb(116, 115, 118)  
}
```

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(116, 115, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 115, 118) }
```

## Border

The CSS property to change the border of an element to YUV 115.6410, 1.1630, 0.3148 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".

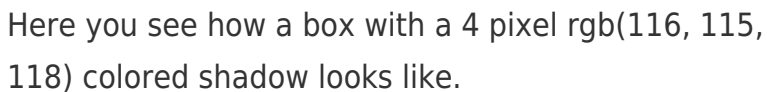
```
.border, #border, table{ border:4px solid rgb(116, 115, 118) }
```



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

```
.border{ border-color:rgb(116, 115, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 115, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 115, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 115, 118);  
box-shadow:4px 4px 4px 4px rgb(116, 115,  
118) }
```

# Background

The CSS property to change the background color of an element to YUV 115.6410, 1.1630, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 115, 118) }
```

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

```
.background{ background-color: rgb(116,  
115, 118) }
```

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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