

# Converting Colors

YUV(101.6490, -7.7150, 1.1848)

Have a look what the booklet for  
YUV(101.6490, -7.7150, 1.1848)  
contains.

<b>YUV(101.6490, -7.7150, 1.1848)</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(101.6490, -7.7150,  
1.1848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	676856
RGB	103, 104, 86
RGB Percent	40%, 41%, 34%
CMY	0.5961, 0.5922, 0.6627
CMYK	0.01, 0.00, 0.17, 0.59
HSL	63°, 9%, 37%
HSV	63°, 17%, 41%
XYZ	12.2235, 13.4561, 10.7571
YIQ	101.6490, 5.1820, -5.8100

# Conversions

## Conversions Part 2

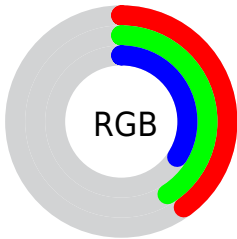
<b>Format</b>	<b>Color</b>
<b>RYB</b>	86, 104, 87
Decimal	6776918
CIELab	43.44, -3.84, 10.03
CIELCh	43, 10.739, 110.936
Yxy	13.4561, 0.3355, 0.3693
Android (android.graphics.Color)	4284966998 (0xFF676856)
YUV	101.6490, -7.7150, 1.1848
Hunter-Lab	36.6825, -4.7137, 8.2910

# Details

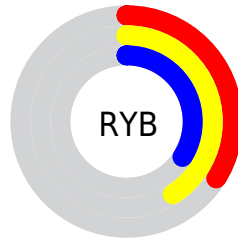
The YUV color **101.6490, -7.7150, 1.1848** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88.3510, 7.7150, -1.1848**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5350, -8.1518, 1.2848**, and **54.8770, -6.8414, 0.9849** is the 20% darker color. If you saturate the color by 10%, you get **100.2100, -11.9355, 1.5698**, and if you desaturate by 10%, it is **103.0880, -3.4944, 0.7998**.

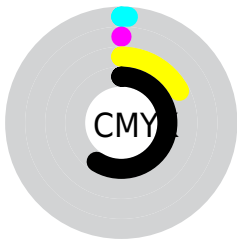
# Distribution



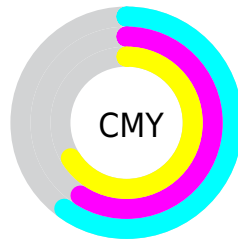
- Red (40%)
- Green (41%)
- Blue (34%)



- Red (34%)
- Yellow (41%)
- Blue (34%)



- Cyan (1%)
- Magenta (0%)
- Yellow (17%)
- Black (59%)



- Cyan (60%)
- Magenta (59%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.6490, -7.7150, 1.1848 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 101.6490, -7.7150, 1.1848 by changing the saturation by 10% instead.



101.6490, -7.7150,  
1.1848

101.6490, -7.7150,  
1.1848

255.0000, 0.0000,  
0.0000

77.7630, -7.2782,  
1.0848

152.5350, -8.1518,  
1.2848

54.8770, -6.8414,  
0.9849

179.4210, -8.5886,  
1.3848

33.5780, -6.6940,  
0.3701

206.7200, -8.7360,  
1.9996

10.9090, -5.3781,  
-1.6742

235.3070, -9.0254,  
1.4848

0.0000, 0.0000,  
0.0000

253.8600, -4.3680,  
0.9998

■ 101.6490, -7.7150,  
1.1848

■ 101.6490, -7.7150,  
1.1848

■ 100.2100,  
-11.9355, 1.5698

■ 103.0880, -3.4944,  
0.7998

■ 98.9560, -16.7403,  
2.6696

■ 104.3420, 1.3104,  
-0.2999

■ 97.5170, -20.9609,  
3.0546

■ 105.7810, 5.5310,  
-0.6849

■ 96.2630, -25.7657,  
4.1543

■ 107.0350, 10.3357,  
-1.7847

■ 94.8240, -29.9862,  
4.5394

■ 108.4740, 14.5563,  
-2.1697

■ 93.6840, -34.3542,  
5.5391

■ 109.6140, 18.9243,  
-3.1695

■ 92.1310, -39.0116,  
6.0241

■ 111.1670, 23.5817,  
-3.6545

■ 90.6920, -43.2322,

■ 112.6060, 27.8022,

6.4091

-4.0395

■ 90.3500, -44.5425,  
6.7091

■ 113.8600, 32.6070,  
-5.1392

# Harmonies

## Analogous

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



102.4650, -8.6102, 8.3622



101.6490, -7.7150, 1.1848



100.4030, -4.6357, -6.4924

# Triad

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



101.6490, -7.7150, 1.1848



100.2520, 7.7638, -16.8840



104.6040, 0.6882, 12.6253

# Complementary

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



101.6490, -7.7150, 1.1848



88.3510, 7.7150, -1.1848

# 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.



104.0100, 4.9251, 7.0072



101.6490, -7.7150, 1.1848



101.6380, 9.0525, -10.2065

# Square

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



101.6490, -7.7150, 1.1848



99.7420, 4.5642, -17.3137



103.0520, 7.8624, -1.7996



104.4750, -3.6852, 15.3694



# Rectangle

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



101.6490, -7.7150, 1.1848



99.8800, -1.4198, -11.2958



103.0520, 7.8624, -1.7996



104.3480, 2.2934, 11.0958

# Sweetspot

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



101.6490, -7.7150, 1.1848



134.2020, -3.0576, 0.6998



91.9690, -2.9427, 10.5512



68.5440, -1.7472, 0.3999



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



101.6490, -7.7150, 1.1848



131.5090, -12.0829, 2.1846



98.9580, -6.3883, -4.3482



50.4300, -2.1840, 0.4999



99.7970, -49.1999, 7.1940



210.5250, -103.7888, 16.2026



# Inverse Universe

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



88.3510, 7.7150, -1.1848



110.4910, 12.0829, -2.1846



91.0420, 6.3883, 4.3482



46.5700, 2.1840, -0.4999



14.9040, 49.3473, -7.8088



31.4750, 103.7888, -16.2026



# Previews

## White Background



This preview shows how the YUV color 101.6490, -7.7150, 1.1848 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 101.6490, -7.7150, 1.1848 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

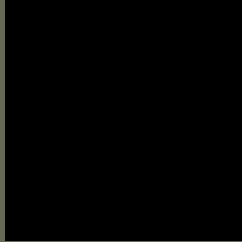
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 101.6490, -7.7150, 1.1848

## Background



This preview shows how black text looks on a background with the YUV color 101.6490, -7.7150, 1.1848.



This preview shows how white text looks on a background with the YUV color 101.6490, -7.7150,



# 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

101.6490, -7.7150, 1.1848

### Protanopia

101.8560, -8.3100, 5.3883

### Deuteranopia

103.3130, -8.0423, 12.8805



## Tritanopia

103.4070, 2.7573, 2.2741

# Trichromacy



## Original Color

101.6490, -7.7150, 1.1848

## Protanomaly

101.8450, -8.3046, 3.6439

## Deuteranomaly

102.9920, -7.8841, 8.7770

## Tritanomaly

102.7830, -0.8790, 1.9443

# Monochromacy



## Original Color

101.6490, -7.7150, 1.1848

## Achromatopsia

102.0000, 0.0000, 0.0000

## Achromatomaly

101.9030, -2.9102, 0.0851

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.6490, -7.7150, 1.1848 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(103, 104, 86)` looks like.

```
.text, #text, p{  
    color:rgb(103, 104, 86)  
}
```

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(103, 104, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 104, 86) }
```

## Border

The CSS property to change the border of an element to YUV 101.6490, -7.7150, 1.1848 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(103, 104, 86) }
```



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

```
.border{ border-color:rgb(103, 104, 86) }
```

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

Here you see how a box with a 4 pixel rgb(103, 104, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 104, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 104, 86);  
box-shadow:4px 4px 4px 4px rgb(103, 104,  
86) }
```

# Background

The CSS property to change the background color of an element to YUV 101.6490, -7.7150, 1.1848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 104, 86) }
```

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

```
.background{ background-color: rgb(103,  
104, 86) }
```

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