

# Converting Colors

YUV(101.7100, -50.1430,  
76.5533)

Have a look what the booklet for  
YUV(101.7100, -50.1430, 76.5533)  
contains.

|  |    |
|--|----|
| <b>YUV(101.7100, -50.1430, 76.5533)</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(101.7100, -50.1430,  
76.5533)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | BD4D00                     |
| RGB         | 189, 77, 0                 |
| RGB Percent | 74%, 30%, 0%               |
| CMY         | 0.2588, 0.6980, 1.0000     |
| CMYK        | 0.00, 0.59, 1.00, 0.26     |
| HSL         | 24°, 100%, 37%             |
| HSV         | 24°, 100%, 74%             |
| XYZ         | 23.6401, 16.1266, 1.8668   |
| YIQ         | 101.7100, 91.4690, -0.2030 |

# Conversions

## Conversions Part 2

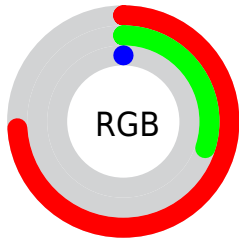
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 189, 130, 0                    |
| Decimal                             | 12406016                       |
| CIELab                              | 47.14, 42.29, 57.29            |
| CIELCh                              | 47, 71.207, 53.569             |
| Yxy                                 | 16.1266, 0.5678,<br>0.3873     |
| Android<br>(android.graphics.Color) | 4290596096<br>(0xFFBD4D00)     |
| YUV                                 | 101.7100, -50.1430,<br>76.5533 |
| Hunter-Lab                          | 40.1579, 34.8030,<br>25.3544   |

# Details

The YUV color **101.7100, -50.1430, 76.5533** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **87.2900, 50.1430, -76.5533**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7970, -48.7069, 82.6160**, and **52.0610, -25.6661, 65.7215** is the 20% darker color. If you saturate the color by 10%, you get **101.7100, -50.1430, 76.5533**, and if you desaturate by 10%, it is **110.3330, -45.0272, 68.9910**.

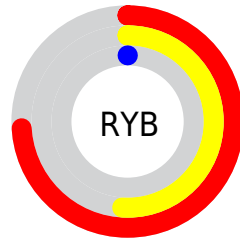
# Distribution



Red (74%)

Green (30%)

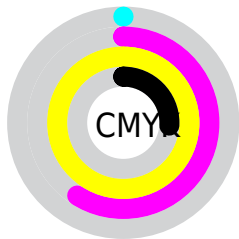
Blue (0%)



Red (74%)

Yellow (51%)

Blue (0%)

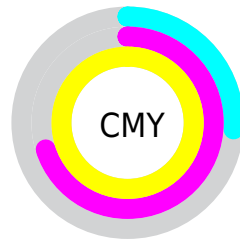


Cyan (0%)

Magenta (59%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (70%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.7100, -50.1430, 76.5533 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 101.7100, -50.1430, 76.5533 by changing the saturation by 10% instead.



101.7100,  
-50.1430, 76.5533

101.7100,  
-50.1430, 76.5533

254.3160, -2.6208,  
0.5999

77.1790, -38.0492,  
70.8800

157.7970,  
-48.7069, 82.6160

52.0610, -25.6661,  
65.7215

177.5070,  
-45.6060, 67.9614

29.0030, -14.2985,  
59.6334

196.7930,  
-42.7889, 51.0475

20.3320, -10.0237,  
41.8048

216.3070,  
-39.0984, 33.9338


12.9710, -5.9017,  
26.3354


236.4080,  
-35.6971, 16.3052


0.0000, 0.0000,  
0.0000


247.8180,

-27.5183, 6.2986


 251.0100,  
-15.2879, 3.4992


 101.7100,  
-50.1430, 76.5533

 110.3330,  
-45.0272, 68.9910

 118.9560,  
-39.9113, 61.4286

 128.1660,  
-35.0848, 53.3514

 136.7890,  
-29.9690, 45.7890

 145.4120,  
-24.8531, 38.2267

■ 153.9210,  
-20.1741, 30.7643

■ 162.5440,  
-15.0582, 23.2019

■ 171.7540,  
-10.2317, 15.1247

■ 180.3770, -5.1159,  
7.5624

# Harmonies

## Analogous

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



95.5060, -13.5605, 103.0422



101.7100, -50.1430, 76.5533



105.5880, -52.0549, 36.3183

# Triad

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



101.7100, -50.1430, 76.5533



90.8900, 3.0122, -79.7105



106.5250, 57.4222, -31.1554

# Complementary

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



101.7100, -50.1430, 76.5533



87.2900, 50.1430, -76.5533

# 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.



98.6490, 65.7420, -86.5152



101.7100, -50.1430, 76.5533



98.4310, 29.3675, -86.3240

# Square

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



101.7100, -50.1430, 76.5533



81.0180, -24.6589, -71.0528



102.3700, 52.0756, -89.7785



111.4230, 35.7805, 50.4950



# Rectangle

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



101.7100, -50.1430, 76.5533



102.4550, -50.5103, 7.4940



102.3700, 52.0756, -89.7785



90.7900, 68.6305, -79.6228

# Sweetspot

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



101.7100, -50.1430, 76.5533



210.7360, -19.5898, 30.0495



69.3930, 21.4983, 104.8953



101.7220, -11.6949, 17.7838



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



101.7100, -50.1430, 76.5533



131.9550, -65.0538, 99.1405



156.3010, -77.0564, 28.6770



90.0390, -2.4842, 3.4738



84.8100, -41.8113, 64.1876



16.3130, -8.0423, 12.8805



# Inverse Universe

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



87.2900, 50.1430, -76.5533



113.0450, 65.0538, -99.1405



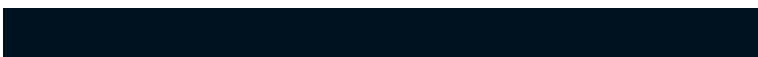
32.6990, 77.0564, -28.6770



89.5480, 2.1948, -3.9886



73.1900, 41.8113, -64.1876



14.1000, 8.3317, -12.3657



# Previews

## White Background



This preview shows how the YUV color 101.7100, -50.1430, 76.5533 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 101.7100, -50.1430, 76.5533 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 101.7100, -50.1430, 76.5533

## Background



This preview shows how black text looks on a background with the YUV color 101.7100, -50.1430, 76.5533.



This preview shows how white text looks on a background with the YUV color 101.7100, -50.1430,



# 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

101.7100, -50.1430, 76.5533

### Protanopia

106.3560, -43.5595, 18.1048

### Deuteranopia

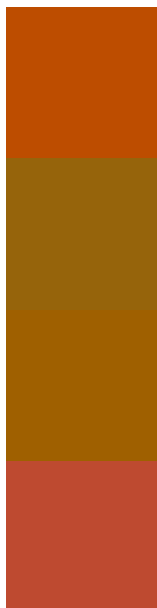
105.2670, -51.8966, 32.2148



## Tritanopia

108.0370, -15.7942, 72.7586

# Trichromacy



## Original Color

101.7100, -50.1430, 76.5533

## Protanomaly

104.8040, -46.2454, 39.6369

## Deuteranomaly

103.8930, -51.2192, 48.3288

## Tritanomaly

105.7200, -28.4560, 73.9136

# Monochromacy



## Original Color

101.7100, -50.1430, 76.5533

## Achromatopsia

102.0000, 0.0000, 0.0000

## Achromatomaly

102.0670, -18.2740, 28.0052

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.7100, -50.1430, 76.5533 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(189, 77, 0)` looks like.

```
.text, #text, p{  
    color:rgb(189, 77, 0)  
}
```

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(189, 77, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 77, 0) }
```

## Border

The CSS property to change the border of an element to YUV 101.7100, -50.1430, 76.5533 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(189, 77, 0) }
```



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

```
.border{ border-color:rgb(189, 77, 0) }
```

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

Here you see how a box with a 4 pixel rgb(189, 77, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 77, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 77, 0);  
box-shadow:4px 4px 4px 4px rgb(189, 77, 0)  
}
```

# Background

The CSS property to change the background color of an element to YUV 101.7100, -50.1430, 76.5533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 77, 0) }
```

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

```
.background{ background-color: rgb(189, 77,  
0) }
```

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