

# Converting Colors

YUV(105.0380, -51.2907,  
24.5227)

Have a look what the booklet for  
YUV(105.0380, -51.2907, 24.5227)  
contains.

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# Color

**YUV(105.0380, -51.2907,  
24.5227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	856F01
RGB	133, 111, 1
RGB Percent	52%, 44%, 0%
CMY	0.4784, 0.5647, 0.9961
CMYK	0.00, 0.17, 0.99, 0.48
HSL	50°, 99%, 26%
HSV	50°, 99%, 52%
XYZ	15.3628, 16.3576, 2.3763
YIQ	105.0380, 48.4220, -29.5460

# Conversions

## Conversions Part 2

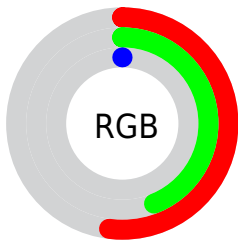
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 133, 1
Decimal	8744705
CIE Lab	47.44, -1.09, 53.49
CIE LCh	47, 53.499, 91.164
Yxy	16.3576, 0.4506, 0.4797
Android (android.graphics.Color)	4286934785 (0xFF856F01)
YUV	105.0380, -51.2907, 24.5227
Hunter-Lab	40.4445, -2.9751, 24.8276

# Details

The YUV color **105.0380, -51.2907, 24.5227** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **28.9620, 51.2907, -24.5227**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.0860, -47.3704, 27.1116**, and **61.1890, -30.1662, 15.6202** is the 20% darker color. If you saturate the color by 10%, you get **104.9240, -51.7275, 24.6227**, and if you desaturate by 10%, it is **107.6940, -46.1911, 22.1934**.

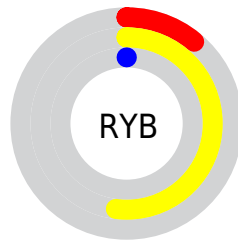
# Distribution



Red (52%)

Green (44%)

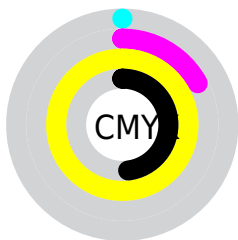
Blue (0%)



Red (11%)

Yellow (52%)

Blue (0%)

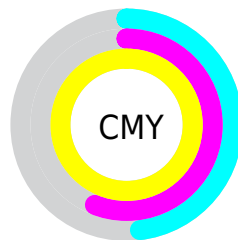


Cyan (0%)

Magenta (17%)

Yellow (99%)

Black (48%)



Cyan (48%)

Magenta (56%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 105.0380, -51.2907, 24.5227 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 105.0380, -51.2907, 24.5227 by changing the saturation by 10% instead.



105.0380,  
-51.2907, 24.5227

105.0380,  
-51.2907, 24.5227

255.0000, 0.0000,  
0.0000

82.7630, -40.8022,  
20.3788

159.0860,  
-47.3704, 27.1116

61.1890, -30.1662,  
15.6202

186.5700,  
-48.1020, 28.4411

40.5010, -19.9670,  
10.9616

214.9400,  
-49.2704, 29.8706

21.2860, -10.4940,  
5.8882

236.2480,  
-46.4643, 16.4455

0.0000, 0.0000,  
0.0000

245.3100,  
-37.1278, 8.4981

248.5020,

-24.8975, 5.6987

■ 251.6940,  
-12.6671, 2.8994

■ 105.0380,  
-51.2907, 24.5227

■ 105.0380,  
-51.2907, 24.5227

■ 104.9240,  
-51.7275, 24.6227

■ 107.6940,  
-46.1911, 22.1934

■ 110.4640,  
-40.6548, 19.7641

■ 113.7070,  
-35.8446, 16.9200

■ 116.3630,  
-30.7450, 14.5906

■ 119.1330,  
-25.2086, 12.1614

■ 121.7890,  
-20.1090, 9.8320

■ 125.0320,  
-15.2988, 6.9879

■ 127.6880,  
-10.1992, 4.6586

■ 130.4580, -4.6628,  
2.2293

# Harmonies

## Analogous

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



108.8300, -38.8632, 51.8921



105.0380, -51.2907, 24.5227



101.3630, -37.6470, -11.7194

# Triad

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



105.0380, -51.2907, 24.5227



96.0830, 30.5251, -84.2648



114.5030, 20.9510, 46.9169

# Complementary

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



105.0380, -51.2907, 24.5227



28.9620, 51.2907, -24.5227

# 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.



114.4460, 37.2481, -0.3911



105.0380, -51.2907, 24.5227



96.9100, 46.3864, -84.9901

# Square

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



105.0380, -51.2907, 24.5227



90.9530, 10.8692, -79.7658



91.8210, 54.8112, -80.5270



109.3200, 1.8142, 71.6334



# Rectangle

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



105.0380, -51.2907, 24.5227



94.5190, -20.9619, -43.4282



91.8210, 54.8112, -80.5270



115.9080, 26.6674, 33.4067

# Sweetspot

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



105.0380, -51.2907, 24.5227



162.3760, -20.3984, 9.3172



42.9760, -9.8482, 78.9510



79.8300, -12.2412, 6.2881



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



105.0380, -51.2907, 24.5227



136.8420, -67.4631, 31.7106



104.7960, -51.1714, -13.8531



64.7290, -2.3314, 1.1147



102.2660, -50.4171, 24.3227



2.0710, -1.0210, 0.8147



# Inverse Universe

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



28.9620, 51.2907, -24.5227



36.7450, 67.1737, -32.2254



29.2040, 51.1714, 13.8531



61.2710, 2.3314, -1.1147



27.7340, 50.4171, -24.3227



0.3420, 1.3104, -0.2999



# Previews

## White Background



This preview shows how the YUV color 105.0380, -51.2907, 24.5227 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 105.0380, -51.2907, 24.5227 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

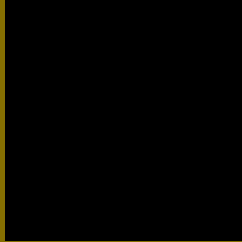
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 105.0380, -51.2907, 24.5227

## Background



This preview shows how black text looks on a background with the YUV color 105.0380, -51.2907, 24.5227.



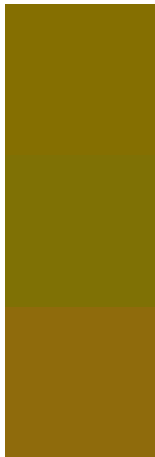
This preview shows how white text looks on a background with the YUV color 105.0380, -51.2907,



# 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

105.0380, -51.2907, 24.5227

### Protanopia

104.8740, -49.2379, 19.4045

### Deuteranopia

106.9340, -46.8025, 31.6299



## Tritanopia

114.6760, -1.8123, 21.3321

# Trichromacy



## Original Color

105.0380, -51.2907, 24.5227

## Protanomaly

104.7710, -49.6801, 21.2488

## Deuteranomaly

105.8690, -48.2494, 29.0559

## Tritanomaly

111.2790, -19.8575, 22.5573

# Monochromacy



## Original Color

105.0380, -51.2907, 24.5227

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

104.8320, -18.6512, 8.9173

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 105.0380, -51.2907, 24.5227 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(133, 111, 1)` looks like.

```
.text, #text, p{  
    color:rgb(133, 111, 1)  
}
```

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(133, 111, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 111, 1) }
```

## Border

The CSS property to change the border of an element to YUV 105.0380, -51.2907, 24.5227 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(133, 111, 1) }
```



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

```
.border{ border-color:rgb(133, 111, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 111, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 111, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 111, 1);  
box-shadow:4px 4px 4px 4px rgb(133, 111,  
1) }
```

# Background

The CSS property to change the background color of an element to YUV 105.0380, -51.2907, 24.5227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 111, 1) }
```

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

```
.background{ background-color: rgb(133,  
111, 1) }
```

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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