

# Converting Colors

YUV(104.3060, -51.4229,  
-26.5784)

Have a look what the booklet for  
YUV(104.3060, -51.4229, -26.5784)  
contains.

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# Color

**YUV(104.3060, -51.4229,  
-26.5784)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4A8C00
RGB	74, 140, 0
RGB Percent	29%, 55%, 0%
CMY	0.7098, 0.4510, 1.0000
CMYK	0.47, 0.00, 1.00, 0.45
HSL	88°, 100%, 27%
HSV	88°, 100%, 55%
XYZ	12.2021, 20.2120, 3.2582
YIQ	104.3060, 5.6040, -57.5320

# Conversions

## Conversions Part 2

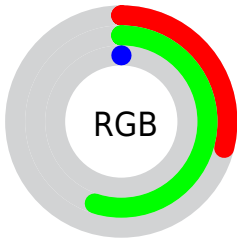
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 140, 66
Decimal	4885504
CIELab	52.08, -41.20, 55.28
CIELCh	52, 68.944, 126.695
Yxy	20.2120, 0.3421, 0.5666
Android (android.graphics.Color)	4283075584 (0xFF4A8C00)
YUV	104.3060, -51.4229, -26.5784
Hunter-Lab	44.9578, -30.2289, 27.1736

# Details

The YUV color **104.3060, -51.4229, -26.5784** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **35.6940, 51.4229, 26.5784**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.0870, -45.8919, -27.2633**, and **55.5320, -27.3773, -39.0546** is the 20% darker color. If you saturate the color by 10%, you get **104.3060, -51.4229, -26.5784**, and if you desaturate by 10%, it is **107.9950, -46.3395, -23.6746**.

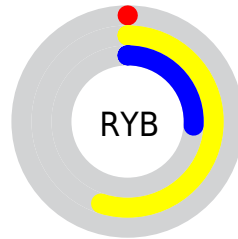
# Distribution



Red (29%)

Green (55%)

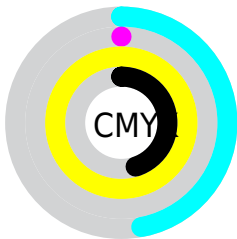
Blue (0%)



Red (0%)

Yellow (55%)

Blue (26%)

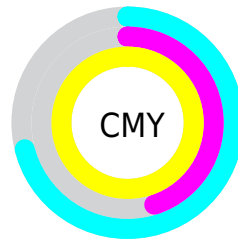


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (45%)



Cyan (71%)

Magenta (45%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.3060, -51.4229, -26.5784 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 104.3060, -51.4229, -26.5784 by changing the saturation by 10% instead.



■ 104.3060,  
-51.4229, -26.5784

■ 104.3060,  
-51.4229, -26.5784

■ 255.0000, 0.0000,  
0.0000

■ 80.3730, -39.6239,  
-31.0221

■ 160.0870,  
-45.8919, -27.2633

■ 55.5320, -27.3773,  
-39.0546

■ 187.9730,  
-46.3287, -27.1633

■ 38.1550, -18.8104,  
-33.4619

■ 216.7450,  
-47.2023, -26.9634

■ 25.2410, -12.4438,  
-22.1364

■ 230.8420,  
-40.8411, -13.8934

■ 8.2180, -4.0515,  
-7.2072


■ 242.7050,  
-32.8856, 1.1357


■ 0.0000, 0.0000,  
0.0000


■ 249.1860,


-22.2767, 5.0989


 252.4920, -9.6096,  
2.1995


 104.3060,  
-51.4229, -26.5784

 107.9950,  
-46.3395, -23.6746

 111.3850,  
-41.1088, -21.3856

 115.0740,  
-36.0255, -18.4819

 118.4640,  
-30.7948, -16.1929

 122.1530,  
-25.7114, -13.2892

■ 125.8420,  
-20.6281, -10.3854

■ 129.2320,  
-15.3974, -8.0965

■ 132.9210,  
-10.3141, -5.1927

■ 136.3110, -5.0833,  
-2.9037

# Harmonies

## Analogous

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



115.2240, -56.8054, 19.9746



104.3060, -51.4229, -26.5784



94.7250, -10.2174, -83.0738

# Triad

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



104.3060, -51.4229, -26.5784



110.5030, 60.3910, -96.9111



112.5670, 0.7065, 100.3577

# Complementary

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



104.3060, -51.4229, -26.5784



35.6940, 51.4229, 26.5784

# 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.



121.6940, 24.8009, 72.1824



104.3060, -51.4229, -26.5784



102.2510, 69.3893, -89.6741

# Square

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



104.3060, -51.4229, -26.5784



109.5790, 41.6196, -96.1008



126.8140, 45.9407, 11.5641



115.1180, -28.6522, 90.2275



# Rectangle

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



104.3060, -51.4229, -26.5784



101.2740, 7.2599, -88.8173



126.8140, 45.9407, 11.5641



114.7110, 9.0165, 94.9695

# Sweetspot

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



104.3060, -51.4229, -26.5784



167.0700, -19.7545, -10.5854



80.0150, -39.4474, 52.6068



83.4540, -12.0558, -6.5372



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



104.3060, -51.4229, -26.5784



134.9510, -66.5308, -34.1600



83.6750, -41.2518, -68.9980



67.3050, -2.6154, -1.1445



99.0010, -48.8075, -25.4339



3.8320, -1.8892, -0.7297



# Inverse Universe

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



35.6940, 51.4229, 26.5784



46.0490, 66.5308, 34.1600



56.3250, 41.2518, 68.9980



63.6950, 2.6154, 1.1445



33.9990, 48.8075, 25.4339



1.1680, 1.8892, 0.7297



# Previews

## White Background



This preview shows how the YUV color 104.3060, -51.4229, -26.5784 looks on a white 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



# Black Background



This preview shows how the YUV color 104.3060, -51.4229, -26.5784 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

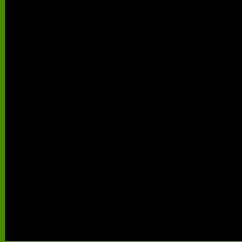
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 104.3060, -51.4229, -26.5784 Background



This preview shows how black text looks on a background with the YUV color 104.3060, -51.4229, -26.5784.



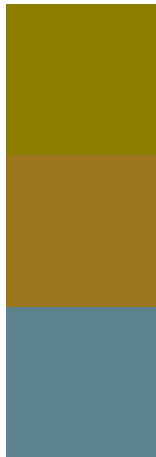
This preview shows how white text looks on a background with the YUV color 104.3060, -51.4229, -26.5784.

-26.5784.

# 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



### Protanopia

114.6480, -56.5215, 22.2337

### Deuteranopia

118.5150, -44.6239, 32.8743

### Tritanopia

119.8920, 10.4062, -24.4613

# Trichromacy



## Protanomaly

110.9940, -54.7200, 4.3903

## Deuteranomaly

113.1010, -46.8848, 11.3124

## Tritanomaly

114.3330, -11.9962, -25.7250

# Monochromacy



## Achromatopsia

104.0000, 0.0000, 0.0000

## Achromatomaly

104.0100, -18.7389, -9.6558

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.3060, -51.4229, -26.5784 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(74, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(74, 140, 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(74, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 140, 0) }
```

## Border

The CSS property to change the border of an element to YUV 104.3060, -51.4229, -26.5784 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(74, 140, 0) }
```

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

```
.border{ border-color:rgb(74, 140, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 140, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(74, 140, 0)  
}
```



# Background

The CSS property to change the background color of an element to YUV 104.3060, -51.4229, -26.5784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 140, 0) }
```

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

```
.background{ background-color: rgb(74, 140,  
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](#).

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