

# Converting Colors

YUV(152.3040, -71.6349,  
16.3964)

Have a look what the booklet for  
YUV(152.3040, -71.6349, 16.3964)  
contains.

<b>YUV(152.3040, -71.6349, 16.3964)</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(152.3040, -71.6349,  
16.3964)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABAB07
RGB	171, 171, 7
RGB Percent	67%, 67%, 3%
CMY	0.3294, 0.3294, 0.9725
CMYK	0.00, 0.00, 0.96, 0.33
HSL	60°, 92%, 35%
HSV	60°, 96%, 67%
XYZ	31.3958, 37.7991, 5.8422
YIQ	152.3040, 52.6440, -51.0040

# Conversions

## Conversions Part 2

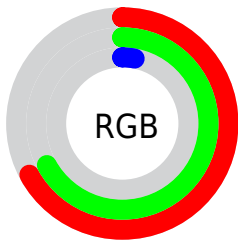
Format	Color
R <sub>Y</sub> B	7, 171, 7
Decimal	11250439
CIE Lab	67.87, -15.89, 69.17
CIE LCh	68, 70.974, 102.934
Yxy	37.7991, 0.4184, 0.5037
Android (android.graphics.Color)	4289440519 (0xFFABAB07)
YUV	152.3040, -71.6349, 16.3964
Hunter-Lab	61.4810, -16.4389, 37.4026

# Details

The YUV color **152.3040, -71.6349, 16.3964** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **25.6960, 71.6349, -16.3964**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.4380, -64.7989, 17.1559**, and **103.9390, -51.2419, 8.8235** is the 20% darker color. If you saturate the color by 10%, you get **151.5060, -74.6925, 17.0962**, and if you desaturate by 10%, it is **154.2420, -64.2093, 14.6968**.

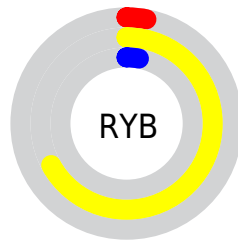
# Distribution



Red (67%)

Green (67%)

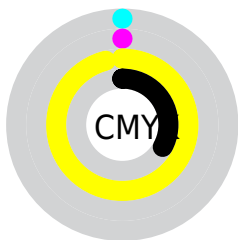
Blue (3%)



Red (3%)

Yellow (67%)

Blue (3%)

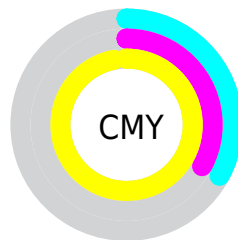


Cyan (0%)

Magenta (0%)

Yellow (96%)

Black (33%)



Cyan (33%)

Magenta (33%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.3040, -71.6349, 16.3964 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 152.3040, -71.6349, 16.3964 by changing the saturation by 10% instead.



■ 152.3040,  
-71.6349, 16.3964

■ 152.3040,  
-71.6349, 16.3964

■ 255.0000, 0.0000,  
0.0000

■ 127.5730,  
-62.8935, 12.6525

■ 210.4380,  
-64.7989, 17.1559

■ 103.9390,  
-51.2419, 8.8235

■ 238.1280,  
-64.6461, 14.7967

■ 81.7780, -40.3166,  
4.5797

■ 241.3200,  
-52.4158, 11.9974

■ 59.6170, -29.3912,  
0.3359

■ 244.6260,  
-39.7486, 9.0980

■ 38.9290, -19.1920,  
-4.3227

■ 247.8180,  
-27.5183, 6.2986

■ 17.9200, -8.8346,  
-13.0848

■ 251.1240,

■ 0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.5440, -1.7472,  
0.3999

■ 152.3040,  
-71.6349, 16.3964

■ 152.3040,  
-71.6349, 16.3964

■ 151.5060,  
-74.6925, 17.0962

■ 154.2420,  
-64.2093, 14.6968

■ 156.1800,  
-56.7837, 12.9971

■ 158.1180,  
-49.3582, 11.2975

■ 160.0560,  
-41.9326, 9.5979

■ 161.9940,  
-34.5070, 7.8983

■ 164.0460,  
-26.6447, 6.0987

■ 165.9840,  
-19.2191, 4.3990

■ 167.9220,  
-11.7935, 2.6994

■ 169.8600, -4.3680,  
0.9998

# Harmonies

## Analogous

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



158.5280, -64.3503, 60.0499



152.3040, -71.6349, 16.3964



145.0790, -40.4649, -41.2883

# Triad

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



152.3040, -71.6349, 16.3964



141.9050, 53.7838, -124.4507



163.5980, 20.4112, 80.1596

# Complementary

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



152.3040, -71.6349, 16.3964



25.6960, 71.6349, -16.3964

# 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.



169.5990, 42.1027, 29.2927



152.3040, -71.6349, 16.3964



136.4910, 58.4249, -119.7026

# Square

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



152.3040, -71.6349, 16.3964



136.3530, 27.4340, -119.5816



148.6710, 52.4202, -60.2245



152.0790, -5.9549, 90.2617



# Rectangle

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



152.3040, -71.6349, 16.3964



123.9730, -9.8467, -108.7243



148.6710, 52.4202, -60.2245



167.5950, 28.3007, 69.6382

# Sweetspot

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



152.3040, -71.6349, 16.3964



214.7040, -27.9551, 6.3986



56.0360, -24.1747, 100.8234



107.5540, -17.0351, 3.8991



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



152.3040, -71.6349, 16.3964



196.6920, -96.9692, 22.1951



127.7860, -59.5475, -34.0153



85.9740, -3.9312, 0.8998



132.9000, -65.5197, 14.9967



20.3780, -10.0464, 2.2995



# Inverse Universe

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



25.6960, 71.6349, -16.3964



25.3080, 96.9692, -22.1951



50.2140, 59.5475, 34.0153



79.0260, 3.9312, -0.8998



17.1000, 65.5197, -14.9967



2.6220, 10.0464, -2.2995



# Previews

## White Background



This preview shows how the YUV color 152.3040, -71.6349, 16.3964 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

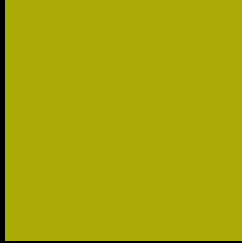
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.3040, -71.6349, 16.3964 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 ✓ Pass

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

# YUV 152.3040, -71.6349, 16.3964 Background



This preview shows how black text looks on a background with the YUV color 152.3040, -71.6349, 16.3964.



This preview shows how white text looks on a background with the YUV color 152.3040, -71.6349, 16.3964.



# 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

152.3040, -71.6349, 16.3964

### Protanopia

153.3550, -75.6040, 29.5067

### Deuteranopia

157.7280, -64.4489, 44.9655



## Tritanopia

167.2450, 1.8512, 12.9401

# Trichromacy



## Original Color

152.3040, -71.6349, 16.3964

## Protanomaly

153.0770, -73.9880, 24.4885

## Deuteranomaly

155.6790, -66.8897, 34.4845

## Tritanomaly

161.5570, -24.9246, 14.4205

# Monochromacy



## Original Color

152.3040, -71.6349, 16.3964

## Achromatopsia

152.0000, 0.0000, 0.0000

## Achromatomaly

152.1600, -26.2079, 5.9987

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.3040, -71.6349, 16.3964 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(171, 171, 7)` looks like.

```
.text, #text, p{  
    color:rgb(171, 171, 7)  
}
```

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(171, 171, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 171, 7) }
```

## Border

The CSS property to change the border of an element to YUV 152.3040, -71.6349, 16.3964 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(171, 171, 7) }
```



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

```
.border{ border-color:rgb(171, 171, 7) }
```

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

Here you see how a box with a 4 pixel rgb(171, 171, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 171, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 171, 7);  
box-shadow:4px 4px 4px 4px rgb(171, 171,  
7) }
```

# Background

The CSS property to change the background color of an element to YUV 152.3040, -71.6349, 16.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 171, 7) }
```

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

```
.background{ background-color: rgb(171,  
171, 7) }
```

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