

# Converting Colors

YUV(152.1290, -29.1506,  
16.5499)

Have a look what the booklet for  
YUV(152.1290, -29.1506, 16.5499)  
contains.

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# Color

**YUV(152.1290, -29.1506,  
16.5499)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AB9A5D
RGB	171, 154, 93
RGB Percent	67%, 60%, 36%
CMY	0.3294, 0.3961, 0.6353
CMYK	0.00, 0.10, 0.46, 0.33
HSL	47°, 32%, 52%
HSV	47°, 46%, 67%
XYZ	30.3260, 32.5594, 15.0422
YIQ	152.1290, 29.7130, -15.3670

# Conversions

## Conversions Part 2

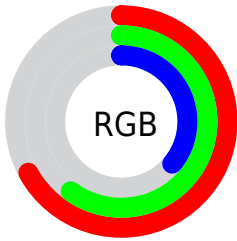
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 171, 93
Decimal	11246173
CIELab	63.80, -2.32, 34.20
CIELCh	64, 34.279, 93.873
Yxy	32.5594, 0.3892, 0.4178
Android (android.graphics.Color)	4289436253 (0xFFAB9A5D)
YUV	152.1290, -29.1506, 16.5499
Hunter-Lab	57.0609, -4.9897, 24.3128

# Details

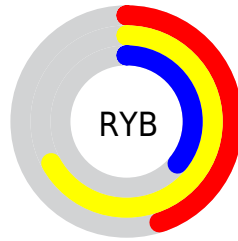
The YUV color **152.1290, -29.1506, 16.5499** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **111.8710, 29.1506, -16.5499**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6840, -30.9032, 18.6941**, and **100.5740, -27.3980, 14.4056** is the 20% darker color. If you saturate the color by 10%, you get **147.8430, -35.4186, 20.3087**, and if you desaturate by 10%, it is **156.4150, -22.8826, 12.7910**.

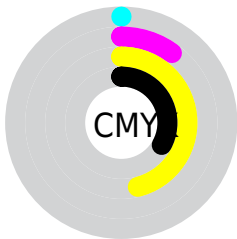
# Distribution



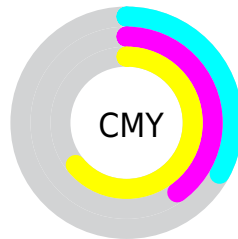
- Red (67%)
- Green (60%)
- Blue (36%)



- Red (45%)
- Yellow (67%)
- Blue (36%)



- Cyan (0%)
- Magenta (10%)
- Yellow (46%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.1290, -29.1506, 16.5499 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 152.1290, -29.1506, 16.5499 by changing the saturation by 10% instead.



■ 152.1290,  
-29.1506, 16.5499

■ 152.1290,  
-29.1506, 16.5499

255.0000, 0.0000,  
0.0000

■ 126.0580,  
-28.1296, 15.7351

■ 206.6840,  
-30.9032, 18.6941

■ 100.5740,  
-27.3980, 14.4056

■ 234.2710,  
-31.1926, 18.1793

■ 75.9760, -27.1032,  
13.1760

■ 248.6160,  
-24.4607, 5.5988

■ 53.1930, -26.2241,  
11.2317

■ 251.8080,  
-12.2303, 2.7994

■ 33.1030, -16.3198,  
7.8027

■ 12.7030, -6.2626,  
2.0145

■ 0.0000, 0.0000,

0.0000

■ 152.1290,  
-29.1506, 16.5499

■ 152.1290,  
-29.1506, 16.5499

■ 147.8430,  
-35.4186, 20.3087

■ 156.4150,  
-22.8826, 12.7910

■ 144.1440,  
-41.9760, 23.5527

■ 160.1140,  
-16.3252, 9.5470

■ 139.8580,  
-48.2440, 27.3115

■ 164.4000,  
-10.0572, 5.7882

■ 135.5720,  
-54.5120, 31.0704

■ 168.6860, -3.7892,  
2.0294

■ 131.2860,  
-60.7800, 34.8292

■ 173.0860, 2.9156,  
-1.8294

■ 129.7870,  
-63.9850, 36.1438

■ 176.7850, 9.4730,  
-5.0734

■ 181.0710, 15.7410,  
-8.8323

■ 185.3570, 22.0090,  
-12.5911

■ 189.6430, 28.2770,  
-16.3499

# Harmonies

## Analogous

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



154.2440, -26.7423, 37.4970



152.1290, -29.1506, 16.5499



148.9840, -22.6701, -8.7560

# Triad

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



152.1290, -29.1506, 16.5499



129.8930, 28.6468, -88.4832



158.5970, 11.5377, 32.8024

# Complementary

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



152.1290, -29.1506, 16.5499



111.8710, 29.1506, -16.5499

# 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.



157.2220, 23.5546, 5.0673



152.1290, -29.1506, 16.5499



140.1160, 33.9598, -65.8767

# Square

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



152.1290, -29.1506, 16.5499



136.6280, 10.5364, -66.3258



151.0650, 31.5200, -29.8750



157.9120, -2.9146, 48.3122



# Rectangle

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



152.1290, -29.1506, 16.5499



145.5670, -13.5905, -27.6843



151.0650, 31.5200, -29.8750



158.6930, 15.9274, 24.8252

# Sweetspot

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



152.1290, -29.1506, 16.5499



214.3570, -11.5150, 6.7029



118.3740, -3.6354, 46.1530



107.4860, -7.1416, 3.9588



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.



152.1290, -29.1506, 16.5499



192.2430, -45.4758, 26.0969



155.8290, -30.9747, -5.1120



84.8000, -3.3524, 1.9294



114.1160, -56.2592, 31.4703



17.4430, -8.5994, 4.8735



# Inverse Universe

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



111.8710, 29.1506, -16.5499



129.1700, 45.7652, -25.5821



108.1710, 30.9747, 5.1120



80.2000, 3.3524, -1.9294



36.4710, 55.9698, -31.9851



5.5570, 8.5994, -4.8735



# Previews

## White Background



This preview shows how the YUV color 152.1290, -29.1506, 16.5499 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 152.1290, -29.1506, 16.5499 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 152.1290, -29.1506, 16.5499

## Background



This preview shows how black text looks on a background with the YUV color 152.1290, -29.1506, 16.5499.



This preview shows how white text looks on a background with the YUV color 152.1290, -29.1506, 16.5499.



# 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

152.1290, -29.1506, 16.5499

### Protanopia

152.1180, -29.1452, 14.8055

### Deuteranopia

153.5050, -29.3360, 29.3751



## Tritanopia

156.9360, 0.5246, 18.4731

# Trichromacy



## Original Color

152.1290, -29.1506, 16.5499

## Protanomaly

152.4170, -29.2926, 15.4203

## Deuteranomaly

152.8850, -29.0303, 24.6569

## Tritanomaly

155.0640, -10.3846, 17.4839

# Monochromacy



## Original Color

152.1290, -29.1506, 16.5499

## Achromatopsia

152.0000, 0.0000, 0.0000

## Achromatomaly

152.2860, -10.4940, 5.8882

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.1290, -29.1506, 16.5499 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, 154, 93)` looks like.

```
.text, #text, p{  
    color:rgb(171, 154, 93)  
}
```

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, 154, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 154, 93) }
```

## Border

The CSS property to change the border of an element to YUV 152.1290, -29.1506, 16.5499 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, 154, 93) }
```



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

```
.border{ border-color:rgb(171, 154, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 154, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 154, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 154, 93);  
box-shadow:4px 4px 4px 4px rgb(171, 154,  
93) }
```

# Background

The CSS property to change the background color of an element to YUV 152.1290, -29.1506, 16.5499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 154, 93) }
```

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

```
.background{ background-color: rgb(171,  
154, 93) }
```

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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