

# Converting Colors

YUV(171.9250, -29.5430,  
49.1778)

Have a look what the booklet for  
YUV(171.9250, -29.5430, 49.1778)  
contains.

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# Color

**YUV(171.9250, -29.5430,  
49.1778)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E49B70
RGB	228, 155, 112
RGB Percent	89%, 61%, 44%
CMY	0.1059, 0.3922, 0.5608
CMYK	0.00, 0.32, 0.51, 0.11
HSL	22°, 68%, 67%
HSV	22°, 51%, 89%
XYZ	46.6409, 41.1065, 20.8053
YIQ	171.9250, 57.3110, 2.1030

# Conversions

## Conversions Part 2

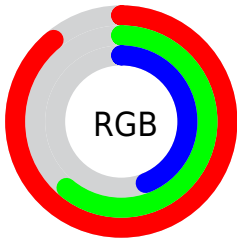
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 180, 112
Decimal	14982000
CIE Lab	70.25, 22.61, 33.51
CIE LCh	70, 40.426, 55.995
Yxy	41.1065, 0.4297, 0.3787
Android (android.graphics.Color)	4293172080 (0xFFE49B70)
YUV	171.9250, -29.5430, 49.1778
Hunter-Lab	64.1144, 17.6521, 25.6402

# Details

The YUV color  $171.9250, -29.5430, 49.1778$  is a light color, and the websafe version is hex  $CC9966$ . A complement of this color would be  $168.0750, 29.5430, -49.1778$ , and the grayscale version is  $172.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $218.2110, -26.7260, 32.2640$ , and  $118.1740, -27.2008, 44.5744$  is the 20% darker color. If you saturate the color by 10%, you get  $161.0850, -35.5379, 58.6845$ , and if you desaturate by 10%, it is  $182.7650, -23.5481, 39.6711$ .

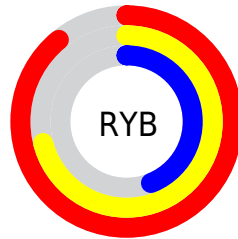
# Distribution



Red (89%)

Green (61%)

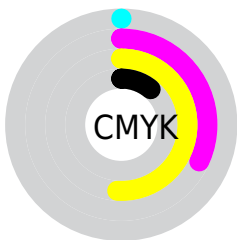
Blue (44%)



Red (89%)

Yellow (71%)

Blue (44%)

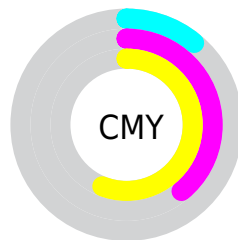


Cyan (0%)

Magenta (32%)

Yellow (51%)

Black (11%)



Cyan (11%)

Magenta (39%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 171.9250, -29.5430, 49.1778 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 171.9250, -29.5430, 49.1778 by changing the saturation by 10% instead.



171.9250,  
-29.5430, 49.1778

171.9250,  
-29.5430, 49.1778

255.0000, 0.0000,  
0.0000

144.8430,  
-28.5166, 46.6187

218.2110,  
-26.7260, 32.2640

118.1740,  
-27.2008, 44.5744

237.8390,  
-22.5986, 15.0502

93.0920, -26.1744,  
42.0153

251.0100,  
-15.2879, 3.4992

68.7110, -25.0005,  
38.8415

254.2020, -3.0576,  
0.6998

45.0850, -22.2269,  
35.8825

24.0980, -11.8803,  
30.6091

11.1770, -5.0173,

22.6468

■ 0.0000, 0.0000,  
0.0000

■ 171.9250,  
-29.5430, 49.1778

■ 171.9250,  
-29.5430, 49.1778

■ 161.0850,  
-35.5379, 58.6845

■ 182.7650,  
-23.5481, 39.6711

■ 149.6580,  
-41.2434, 68.7059

■ 194.1920,  
-17.8427, 29.6496

■ 138.9320,  
-46.8015, 78.1126

■ 204.9180,  
-12.2846, 20.2429

■ 128.0920,  
-52.7964, 87.6193

■ 215.7580, -6.2897,  
10.7362

■ 118.0670,  
-58.2070, 96.4112

■ 227.1850, -0.5842,  
0.7148

■ 238.0250, 5.4107,  
-8.7919

■ 246.9270, 3.9800,  
-16.5990

# Harmonies

## Analogous

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



173.5470, -16.0457, 60.0333



171.9250, -29.5430, 49.1778



169.5880, -35.2929, 26.6713

# Triad

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



171.9250, -29.5430, 49.1778



150.6610, 7.0691, -74.2477



173.6320, 31.7334, -4.9393

# Complementary

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



171.9250, -29.5430, 49.1778



168.0750, 29.5430, -49.1778

# 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.



163.8220, 40.0208, -49.8329



171.9250, -29.5430, 49.1778



135.2590, 33.3963, -118.6221

# Square

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



171.9250, -29.5430, 49.1778



160.0560, -15.3106, -36.0061



141.3110, 44.7097, -107.2667



176.6060, 17.9422, 31.9175



# Rectangle

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



171.9250, -29.5430, 49.1778



167.3360, -33.1966, 7.5983



141.3110, 44.7097, -107.2667



171.6410, 34.6870, -18.9792

# Sweetspot

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



171.9250, -29.5430, 49.1778



236.5800, -9.6529, 16.1543



155.0060, 14.7870, 64.0157



116.5730, -5.7055, 10.0215



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



171.9250, -29.5430, 49.1778



179.6900, -39.7802, 66.0469



205.9710, -46.3277, 19.3194



109.5230, -3.2158, 4.8033



92.2630, -45.4857, 76.0683



26.4020, -13.0162, 21.5724



# Inverse Universe

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



168.0750, 29.5430, -49.1778



174.3100, 39.7802, -66.0469



134.0290, 46.3277, -19.3194



108.4770, 3.2158, -4.8033



86.1500, 45.7750, -75.5536



24.5980, 13.0162, -21.5724



# Previews

## White Background



This preview shows how the YUV color 171.9250, -29.5430, 49.1778 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 171.9250, -29.5430, 49.1778 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

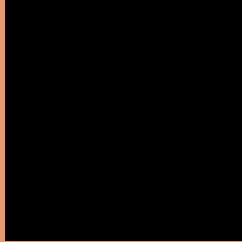
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 171.9250, -29.5430, 49.1778

## Background



This preview shows how black text looks on a background with the YUV color 171.9250, -29.5430, 49.1778.



This preview shows how white text looks on a background with the YUV color 171.9250, -29.5430,



# 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

171.9250, -29.5430, 49.1778

### Protanopia

170.1440, -25.2140, 13.9057

### Deuteranopia

170.7010, -29.9256, 31.8342



## Tritanopia

175.0710, -7.4300, 49.9267

# Trichromacy



## Original Color

171.9250, -29.5430, 49.1778

## Protanomaly

170.7650, -26.9991, 26.5161

## Deuteranomaly

171.4460, -29.7999, 38.1969

## Tritanomaly

174.0080, -15.2869, 49.9820

# Monochromacy



## Original Color

171.9250, -29.5430, 49.1778

## Achromatopsia

172.0000, 0.0000, 0.0000

## Achromatomaly

171.9500, -10.8213, 17.5839

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 171.9250, -29.5430, 49.1778 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(228, 155, 112)` looks like.

```
.text, #text, p{  
    color:rgb(228, 155, 112)  
}
```

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(228, 155, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 155, 112) }
```

## Border

The CSS property to change the border of an element to YUV 171.9250, -29.5430, 49.1778 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(228, 155, 112) }
```



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

```
.border{ border-color:rgb(228, 155, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 155, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 155, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 155, 112);  
box-shadow:4px 4px 4px 4px rgb(228, 155,  
112) }
```

# Background

The CSS property to change the background color of an element to YUV 171.9250, -29.5430, 49.1778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 155, 112) }
```

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

```
.background{ background-color: rgb(228,  
155, 112) }
```

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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