

# Converting Colors

YUV(171.3040, -7.5449,  
40.0754)

Have a look what the booklet for  
YUV(171.3040, -7.5449, 40.0754)  
contains.

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# Color

**YUV(171.3040, -7.5449,  
40.0754)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D9979C
RGB	217, 151, 156
RGB Percent	85%, 59%, 61%
CMY	0.1490, 0.4078, 0.3882
CMYK	0.00, 0.30, 0.28, 0.15
HSL	355°, 46%, 72%
HSV	355°, 30%, 85%
XYZ	45.6826, 39.2852, 36.6276
YIQ	171.3040, 37.7310, 15.5470

# Conversions

## Conversions Part 2

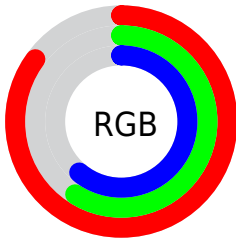
Format	Color
R <sub>Y</sub> B	217, 151, 156
Decimal	14260124
CIE Lab	68.96, 25.46, 7.38
CIE LCh	69, 26.512, 16.169
Yxy	39.2852, 0.3757, 0.3231
Android (android.graphics.Color)	4292450204 (0xFFD9979C)
YUV	171.3040, -7.5449, 40.0754
Hunter-Lab	62.6779, 20.4128, 9.2268

# Details

The YUV color **171.3040, -7.5449, 40.0754** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **196.6960, 7.5449, -40.0754**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.1070, -5.4758, 29.7242**, and **118.2220, -6.5184, 37.5163** is the 20% darker color. If you saturate the color by 10%, you get **156.1100, -9.9142, 53.4005**, and if you desaturate by 10%, it is **186.4980, -5.1755, 26.7503**.

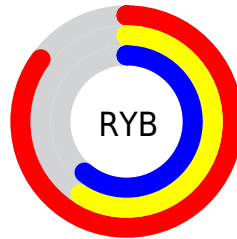
# Distribution



Red (85%)

Green (59%)

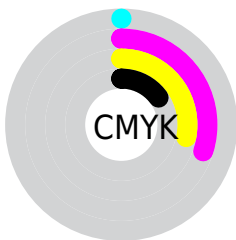
Blue (61%)



Red (85%)

Yellow (59%)

Blue (61%)

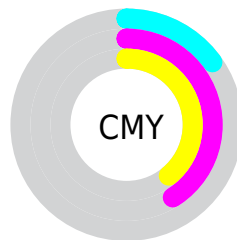


Cyan (0%)

Magenta (30%)

Yellow (28%)

Black (15%)



Cyan (15%)

Magenta (41%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 171.3040, -7.5449, 40.0754 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 171.3040, -7.5449, 40.0754 by changing the saturation by 10% instead.





 171.3040, -7.5449,  
40.0754


 171.3040, -7.5449,  
40.0754


255.0000, 0.0000,  
0.0000


 144.7060, -7.2501,  
38.8458


 221.1070, -5.4758,  
29.7242


 118.2220, -6.5184,  
37.5163

 240.8490, -0.9116,  
12.4104

 93.0260, -5.9288,  
35.0572

 68.5420, -5.1972,  
33.7277

 44.7590, -4.3182,  
31.7834

 21.3890, -3.1498,  
30.3538

 10.5790, -4.7224,

21.4172

0.0000, 0.0000,  
0.0000

171.3040, -7.5449,  
40.0754

171.3040, -7.5449,  
40.0754

156.1100, -9.9142,  
53.4005

186.4980, -5.1755,  
26.7503

141.5030,  
-12.5730, 66.2109

201.1050, -2.5168,  
13.9399

126.3090,  
-14.9423, 79.5360

216.2990, -0.1474,  
0.6148

111.1150,  
-17.3117, 92.8611

231.4930, 2.2220,  
-12.7104

96.5080, -19.9704,  
105.6715

243.6380, 5.6015,  
-23.3615

■ 81.3140, -22.3398,  
118.9966

■ 66.7070, -24.9986,  
131.8070

# Harmonies

## Analogous

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



172.2350, 3.8281, 32.2429



171.3040, -7.5449, 40.0754



169.7630, -17.1382, 37.0418

# Triad

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



171.3040, -7.5449, 40.0754



162.5300, -14.0653, -15.3738



163.3110, 24.9897, -35.3527

# Complementary

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



171.3040, -7.5449, 40.0754



196.6960, 7.5449, -40.0754

# 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.



157.7020, 21.8389, -51.4817



171.3040, -7.5449, 40.0754



159.3130, -1.6333, -36.2315

# Square

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



171.3040, -7.5449, 40.0754



165.7130, -21.5505, 5.5137



157.0690, 11.7980, -50.9265



168.7810, 22.2930, -10.3319



# Rectangle

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



171.3040, -7.5449, 40.0754



168.5680, -21.4790, 29.3199



157.0690, 11.7980, -50.9265



161.1530, 24.5746, -42.2302

# Sweetspot

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



171.3040, -7.5449, 40.0754



239.1050, -2.5168, 13.9399



176.4640, 19.9842, 30.2881



117.7130, -1.3375, 9.0217



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.



171.3040, -7.5449, 40.0754



191.3060, -10.5039, 55.8596



187.1700, -17.8318, 26.1609



102.4030, -1.1847, 6.6626



53.2090, -19.8230, 105.0567



14.0960, -5.4703, 27.9798



# Inverse Universe

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



171.3040, -7.5449, 40.0754



191.3060, -10.5039, 55.8596



181.4170, 17.5424, -26.6757



102.4030, -1.1847, 6.6626



53.2090, -19.8230, 105.0567



14.0960, -5.4703, 27.9798



# Previews

## White Background



This preview shows how the YUV color 171.3040, -7.5449, 40.0754 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 171.3040, -7.5449, 40.0754 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

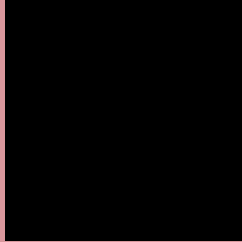
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 171.3040, -7.5449, 40.0754

## Background



This preview shows how black text looks on a background with the YUV color 171.3040, -7.5449, 40.0754.



This preview shows how white text looks on a background with the YUV color 171.3040, -7.5449,

40.0754.

# 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

171.3040, -7.5449, 40.0754

### Protanopia

168.8540, -1.9000, 2.7590

### Deuteranopia

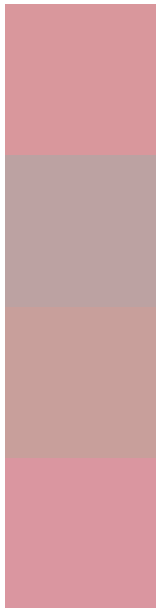
170.0470, -7.9112, 17.4988



## Tritanopia

171.7000, -4.7821, 40.6051

# Trichromacy



## Original Color

171.3040, -7.5449, 40.0754

## Protanomaly

169.7740, -3.8326, 15.9842

## Deuteranomaly

170.8030, -7.7909, 25.6058

## Tritanomaly

171.4720, -5.6557, 40.8051

# Monochromacy



## Original Color

171.3040, -7.5449, 40.0754

## Achromatopsia

171.0000, 0.0000, 0.0000

## Achromatomaly

171.4040, -2.6642, 14.5547

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 171.3040, -7.5449, 40.0754 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(217, 151, 156)` looks like.

```
.text, #text, p{  
    color:rgb(217, 151, 156)  
}
```

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(217, 151, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 151, 156) }
```

## Border

The CSS property to change the border of an element to YUV 171.3040, -7.5449, 40.0754 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(217, 151, 156) }
```



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

```
.border{ border-color:rgb(217, 151, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 151, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 151, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 151, 156);  
box-shadow:4px 4px 4px 4px rgb(217, 151,  
156) }
```

# Background

The CSS property to change the background color of an element to YUV 171.3040, -7.5449, 40.0754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 151, 156) }
```

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

```
.background{ background-color: rgb(217,  
151, 156) }
```

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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