

# Converting Colors

YUV(170.0540, 1.4524, 0.8296)

Have a look what the booklet for  
YUV(170.0540, 1.4524, 0.8296)  
contains.

<b>YUV(170.0540, 1.4524, 0.8296)</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(170.0540, 1.4524,  
0.8296)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABA9AD
RGB	171, 169, 173
RGB Percent	67%, 66%, 68%
CMY	0.3294, 0.3373, 0.3216
CMYK	0.01, 0.02, 0.00, 0.32
HSL	270°, 2%, 67%
HSV	270°, 2%, 68%
XYZ	38.5254, 40.0510, 45.2353
YIQ	170.0540, -0.0920, 1.6680

# Conversions

## Conversions Part 2

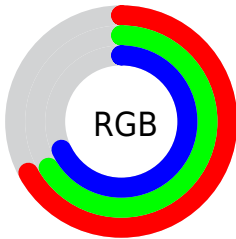
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 169, 173
Decimal	11250093
CIELab	69.51, 1.47, -1.81
CIELCh	70, 2.334, 309.122
Yxy	40.0510, 0.3112, 0.3235
Android (android.graphics.Color)	4289440173 (0xFFABA9AD)
YUV	170.0540, 1.4524, 0.8296
Hunter-Lab	63.2859, -2.0880, 1.9210

# Details

The YUV color **170.0540, 1.4524, 0.8296** is a light color, and the websafe version is hex **999999**. A complement of this color would be **171.9460, -1.4524, -0.8296**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.0540, 1.4524, 0.8296**, and **118.0540, 1.4524, 0.8296** is the 20% darker color. If you saturate the color by 10%, you get **157.3840, 7.6987, 4.0482**, and if you desaturate by 10%, it is **182.7240, -4.7939, -2.3889**.

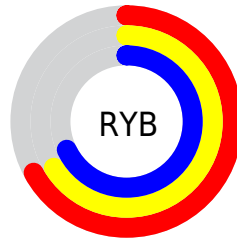
# Distribution



Red (67%)

Green (66%)

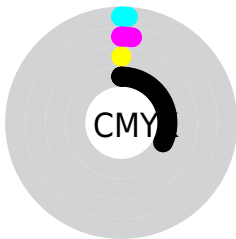
Blue (68%)



Red (67%)

Yellow (66%)

Blue (68%)

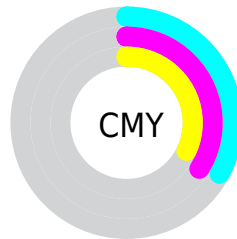


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (32%)



Cyan (33%)

Magenta (34%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 170.0540, 1.4524, 0.8296 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 170.0540, 1.4524, 0.8296 by changing the saturation by 10% instead.



 170.0540, 1.4524,  
0.8296


 170.0540, 1.4524,  
0.8296

255.0000, 0.0000,  
0.0000


 143.9400, 1.0156,  
0.9296


 225.0540, 1.4524,  
0.8296


 118.0540, 1.4524,  
0.8296

 253.8260, 0.5788,  
1.0296

 93.0540, 1.4524,  
0.8296

 69.9400, 1.0156,  
0.9296

 47.6410, 1.1630,  
0.3148

 26.6410, 1.1630,  
0.3148

 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,  
0.0000

■ 170.0540, 1.4524,  
0.8296

■ 170.0540, 1.4524,  
0.8296

■ 157.3840, 7.6987,  
4.0482

■ 182.7240, -4.7939,  
-2.3889

■ 144.4260, 14.0870,  
8.3964

■ 195.6820,  
-11.1822, -6.7371

■ 131.7560, 20.3333,  
11.6150

■ 208.3520,  
-17.4285, -9.9557

■ 119.0860, 26.5796,  
14.8336

■ 221.0220,  
-23.6748, -13.1743

■ 106.1280, 32.9679,  
19.1817

■ 233.3930,  
-29.7737, -17.0077

■ 93.4580, 39.2142,  
22.4003

■ 236.0840,  
-31.1004, -11.4747

■ 80.7880, 45.4605,  
25.6189

■ 238.7750,  
-32.4271, -5.9417

■ 68.4170, 51.5594,  
29.4523

■ 241.1670,  
-33.6063, -1.0235

■ 55.1600, 58.0951,  
33.1857

■ 243.8580,  
-34.9330, 4.5095

# Harmonies

## Analogous

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



169.8580, 2.0420, -1.6295



170.0540, 1.4524, 0.8296



170.4240, 0.2840, 2.2592

# Triad

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



170.0540, 1.4524, 0.8296



169.8540, -1.9000, 2.7590



169.0920, 0.4476, -3.5887

# Complementary

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



170.0540, 1.4524, 0.8296



171.9460, -1.4524, -0.8296

# 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.



169.1630, -0.5734, -2.7740



170.0540, 1.4524, 0.8296



169.8430, -1.8946, 1.0147

# Square

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



170.0540, 1.4524, 0.8296



170.2670, -1.6106, 3.2738



168.9460, -1.4524, -0.8296



169.3200, 1.3212, -3.7886



# Rectangle

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



170.0540, 1.4524, 0.8296



170.0220, -0.0108, 3.4887



168.9460, -1.4524, -0.8296



169.0920, 0.4476, -3.5887

# Sweetspot

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



170.0540, 1.4524, 0.8296



222.5270, 0.7262, 0.4148



170.6300, 1.1684, -1.4295



111.4130, 0.2894, 0.5148



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.



170.0540, 1.4524, 0.8296



219.5810, 2.1786, 1.2445



170.6520, 1.1576, 2.0592



84.0540, 1.4524, 0.8296



39.5250, 54.4642, 31.1116



5.9110, 8.4249, 4.4631



# Inverse Universe

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



170.4240, 0.2840, 2.2592



220.1360, 0.4260, 3.3887



171.3480, -1.1576, -2.0592



84.4240, 0.2840, 2.2592



53.4000, 10.6488, 84.7182



8.1310, 1.4144, 13.0401



# Previews

## White Background



This preview shows how the YUV color 170.0540, 1.4524, 0.8296 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

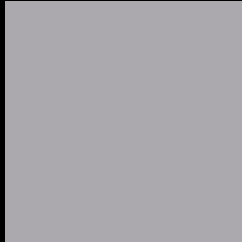
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 170.0540, 1.4524, 0.8296 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 170.0540, 1.4524, 0.8296

## Background



This preview shows how black text looks on a background with the YUV color 170.0540, 1.4524, 0.8296.



This preview shows how white text looks on a background with the YUV color 170.0540, 1.4524,

0.8296.

# 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

170.0540, 1.4524, 0.8296

### Protanopia

170.3530, 1.3050, 1.4444

### Deuteranopia

171.1200, 1.4198, 11.2958



## Tritanopia

170.6780, 5.0887, 1.1594

# Trichromacy



## Original Color

170.0540, 1.4524, 0.8296

## Protanomaly

170.3530, 1.3050, 1.4444

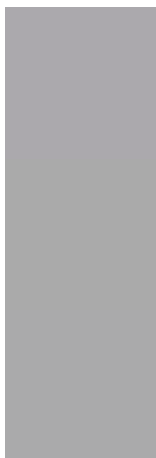
## Deuteranomaly

170.7990, 1.5781, 7.1923

## Tritanomaly

170.3360, 3.7784, 1.4593

# Monochromacy



## Original Color

170.0540, 1.4524, 0.8296

## Achromatopsia

170.0000, 0.0000, 0.0000

## Achromatomaly

170.1140, 0.4368, -0.1000

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 170.0540, 1.4524, 0.8296 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, 169, 173)` looks like.

```
.text, #text, p{  
    color:rgb(171, 169, 173)  
}
```

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, 169, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 169, 173) }
```

## Border

The CSS property to change the border of an element to YUV 170.0540, 1.4524, 0.8296 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, 169, 173) }
```



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

```
.border{ border-color:rgb(171, 169, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 169, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 169, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 169, 173);  
box-shadow:4px 4px 4px 4px rgb(171, 169,  
173) }
```

# Background

The CSS property to change the background color of an element to YUV 170.0540, 1.4524, 0.8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 169, 173) }
```

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

```
.background{ background-color: rgb(171,  
169, 173) }
```

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