

# Converting Colors

YUV(152.7000, -2.3171,  
-97.0839)

Have a look what the booklet for  
YUV(152.7000, -2.3171, -97.0839)  
contains.

<b>YUV(152.7000, -2.3171, -97.0839)</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(152.7000, -2.3171,  
-97.0839)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2AD294
RGB	42, 210, 148
RGB Percent	16%, 82%, 58%
CMY	0.8353, 0.1765, 0.4196
CMYK	0.80, 0.00, 0.30, 0.18
HSL	158°, 67%, 49%
HSV	158°, 80%, 82%
XYZ	29.3467, 48.7235, 35.8748
YIQ	152.7000, -80.2260, -54.8980

# Conversions

## Conversions Part 2

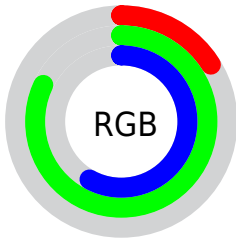
<b>Format</b>	<b>Color</b>
<b>RYB</b>	42, 145, 210
Decimal	2806420
CIELab	75.28, -55.50, 19.24
CIElCh	75, 58.742, 160.879
Yxy	48.7235, 0.2576, 0.4276
Android (android.graphics.Color)	4280996500 (0xFF2AD294)
YUV	152.7000, -2.3171, -97.0839
Hunter-Lab	69.8023, -47.1078, 18.3895

# Details

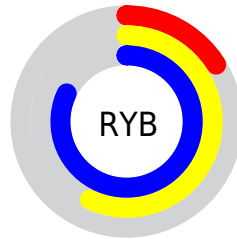
The YUV color **152.7000, -2.3171, -97.0839** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **99.3000, 2.3171, 97.0839**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.3970, -2.6607, -80.1552**, and **101.4560, -2.1968, -88.9769** is the 20% darker color. If you saturate the color by 10%, you get **145.5090, -2.7159, -109.1944**, and if you desaturate by 10%, it is **159.8910, -1.9183, -84.9734**.

# Distribution



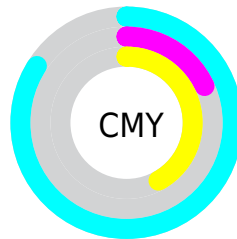
- Red (16%)
- Green (82%)
- Blue (58%)



- Red (16%)
- Yellow (57%)
- Blue (82%)



- Cyan (80%)
- Magenta (0%)
- Yellow (30%)
- Black (18%)



- Cyan (84%)
- Magenta (18%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.7000, -2.3171, -97.0839 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 152.7000, -2.3171, -97.0839 by changing the saturation by 10% instead.



■ 152.7000, -2.3171,  
-97.0839

■ 152.7000, -2.3171,  
-97.0839

255.0000, 0.0000,  
0.0000

■ 120.7420, 0.6202,  
-105.8907

■ 207.3970, -2.6607,  
-80.1552

■ 101.4560, -2.1968,  
-88.9769

■ 219.8580, 5.0000,  
-63.8965

■ 82.8710, -4.8664,  
-72.6779

■ 231.9770, 11.3503,  
-47.3378

■ 64.9870, -7.3886,  
-56.9936

■ 240.9470, 6.9281,  
-28.8945

■ 47.8040, -9.7634,  
-41.9241

■ 250.2160, 2.3585,  
-9.8364

■ 31.0940, -12.8643,  
-27.2694

■ 15.8490, -7.8136,

-13.8996

■ 0.0000, 0.0000,  
0.0000

■ 152.7000, -2.3171,  
-97.0839

■ 152.7000, -2.3171,  
-97.0839

■ 145.5090, -2.7159,  
-109.1944

■ 159.8910, -1.9183,  
-84.9734

■ 138.3180, -3.1148,  
-121.3049

■ 166.9680, -1.9562,  
-72.7629


■ 174.1590, -1.5574,  
-60.6524


■ 181.3500, -1.1585,  
-48.5419

■ 188.5410, -0.7597,  
-36.4315

 195.7320, -0.3609,  
-24.3210

 202.8090, -0.3988,  
-12.1105

 210.0000, 0.0000,  
0.0000

 217.1910, 0.3988,  
12.1105

# Harmonies

## Analogous

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



171.2360, -35.1193, -29.1480



152.7000, -2.3171, -97.0839



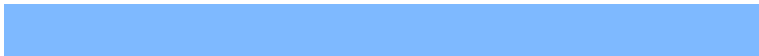
148.2870, 27.4665, -130.0477

# Triad

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



152.7000, -2.3171, -97.0839



175.3390, 39.2729, -43.2703



177.6330, -29.8921, 67.8509

# Complementary

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



152.7000, -2.3171, -97.0839



99.3000, 2.3171, 97.0839

# 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.



176.4030, -4.1427, 68.9296



152.7000, -2.3171, -97.0839



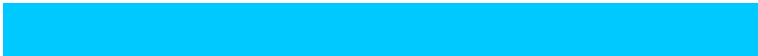
189.0360, 32.5203, 22.7704

# Square

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



152.7000, -2.3171, -97.0839



147.0570, 53.2159, -128.9690



186.0810, 17.7081, 60.4420



182.2790, -49.9305, 55.0063



# Rectangle

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



152.7000, -2.3171, -97.0839



151.1030, 43.3332, -132.5173



186.0810, 17.7081, 60.4420



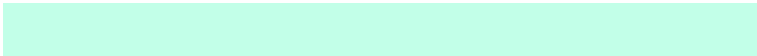
176.5220, -21.4563, 68.8252

# Sweetspot

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



152.7000, -2.3171, -97.0839



234.1390, -1.0545, -35.2019



159.7520, -58.0517, -47.1405



115.3410, -0.6611, -21.3471



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.



152.7000, -2.3171, -97.0839



171.4850, -3.1971, -141.6223



148.0280, 30.5522, -92.9866



101.2550, -0.1257, -6.3626



110.7000, -2.3171, -97.0839



27.0310, -0.5083, -23.7062



# Inverse Universe

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



99.3000, 2.3171, 97.0839



93.6290, 3.6339, 141.5224



103.9720, -30.5522, 92.9866



97.7450, 0.1257, 6.3626



57.3000, 2.3171, 97.0839

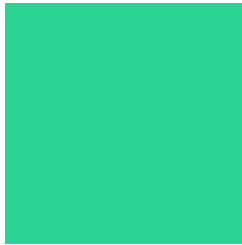


13.9690, 0.5083, 23.7062



# Previews

## White Background



This preview shows how the YUV color 152.7000, -2.3171, -97.0839 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 152.7000, -2.3171, -97.0839 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

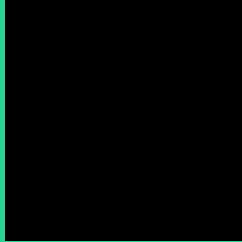
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 152.7000, -2.3171, -97.0839

## Background



This preview shows how black text looks on a background with the YUV color 152.7000, -2.3171, -97.0839.



This preview shows how white text looks on a background with the YUV color 152.7000, -2.3171, -97.0839.



# 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

152.7000, -2.3171, -97.0839

### Protanopia

182.4150, -22.8826, 12.7910

### Deuteranopia

184.9570, -14.7688, 23.7167



## Tritanopia

166.6450, 24.8250, -75.9877

# Trichromacy



## Original Color

152.7000, -2.3171, -97.0839



## Protanomaly

171.4100, -15.4851, -26.6696



## Deuteranomaly

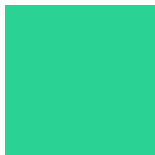
173.1210, -10.4127, -20.2771



## Tritanomaly

161.3700, 15.1006, -83.6395

# Monochromacy



## Original Color

152.7000, -2.3171, -97.0839



## Achromatopsia

153.0000, 0.0000, 0.0000



## Achromatomaly

153.1390, -1.0545, -35.2019

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.7000, -2.3171, -97.0839 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(42, 210, 148)` looks like.

```
.text, #text, p{  
    color:rgb(42, 210, 148)  
}
```

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(42, 210, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 210, 148) }
```

## Border

The CSS property to change the border of an element to YUV 152.7000, -2.3171, -97.0839 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(42, 210, 148) }
```



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

```
.border{ border-color:rgb(42, 210, 148) }
```

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

Here you see how a box with a 4 pixel rgb(42, 210, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 210, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 210, 148);  
box-shadow:4px 4px 4px 4px rgb(42, 210,  
148) }
```

# Background

The CSS property to change the background color of an element to YUV 152.7000, -2.3171, -97.0839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 210, 148) }
```

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

```
.background{ background-color: rgb(42, 210,  
148) }
```

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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