

# Converting Colors

YUV(172.4750, -7.6292,  
-73.2076)

Have a look what the booklet for  
YUV(172.4750, -7.6292, -73.2076)  
contains.

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# Color

**YUV(172.4750, -7.6292,  
-73.2076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59DA9D
RGB	89, 218, 157
RGB Percent	35%, 85%, 62%
CMY	0.6510, 0.1451, 0.3843
CMYK	0.59, 0.00, 0.28, 0.15
HSL	152°, 64%, 60%
HSV	152°, 59%, 85%
XYZ	35.2770, 54.7010, 40.5973
YIQ	172.4750, -57.3030, -46.3190

# Conversions

## Conversions Part 2

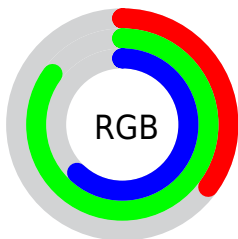
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 173, 218
Decimal	5888669
CIELab	78.87, -49.59, 19.62
CIElCh	79, 53.331, 158.417
Yxy	54.7010, 0.2702, 0.4189
Android (android.graphics.Color)	4284078749 (0xFF59DA9D)
YUV	172.4750, -7.6292, -73.2076
Hunter-Lab	73.9601, -44.2904, 19.2273

# Details

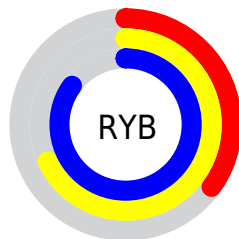
The YUV color **172.4750, -7.6292, -73.2076** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **134.5250, 7.6292, 73.2076**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.4040, -3.1572, -60.8673**, and **107.0640, -1.0176, -93.8951** is the 20% darker color. If you saturate the color by 10%, you get **164.7570, -8.7542, -85.7329**, and if you desaturate by 10%, it is **180.1930, -6.5041, -60.6823**.

# Distribution



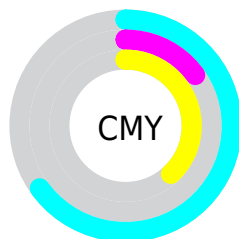
- Red (35%)
- Green (85%)
- Blue (62%)



- Red (35%)
- Yellow (68%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (28%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 172.4750, -7.6292, -73.2076 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 172.4750, -7.6292, -73.2076 by changing the saturation by 10% instead.



 172.4750, -7.6292,  
-73.2076

 172.4750, -7.6292,  
-73.2076


255.0000, 0.0000,  
0.0000

 143.2080, -6.0185,  
-76.4814


 218.4040, -3.1572,  
-60.8673


 107.0640, -1.0176,  
-93.8951


 230.5660, 4.6510,  
-45.2234


 88.4790, -3.6871,  
-77.5961

 240.9470, 6.9281,  
-28.8945

 70.5950, -6.2093,  
-61.9118

 249.9170, 2.5059,  
-10.4512

 53.2980, -9.0209,  
-46.7423

 36.2290, -10.9589,  
-31.7728

 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,  
0.0000

■ 172.4750, -7.6292,  
-73.2076

■ 172.4750, -7.6292,  
-73.2076

■ 164.7570, -8.7542,  
-85.7329

■ 180.1930, -6.5041,  
-60.6823

■ 156.9250,  
-10.3160, -98.1582

■ 188.0250, -4.9423,  
-48.2569

■ 149.5060,  
-11.5885, -110.0688

■ 195.4440, -3.6699,  
-36.3464

■ 141.7880,  
-12.7135, -122.5941

■ 203.1620, -2.5449,  
-23.8211

■ 141.0760,  
-12.8555, -123.7237

■ 210.9940, -0.9830,  
-11.3957

■ 218.7120, 0.1420,  
1.1296

■ 226.4300, 1.2670,  
13.6549

■ 231.4570, 3.7187,  
20.6472

■ 232.7110, 8.5235,  
19.5475

# Harmonies

## Analogous

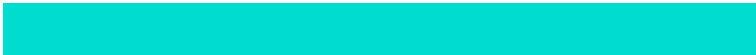
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



183.6220, -33.8306, -22.4705



172.4750, -7.6292, -73.2076



153.4390, 26.8986, -134.5660

# Triad

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



172.4750, -7.6292, -73.2076



185.3840, 34.3207, -41.5558



187.4300, -25.3550, 59.2589

# Complementary

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



172.4750, -7.6292, -73.2076



134.5250, 7.6292, 73.2076

# 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.



187.5050, -2.2210, 59.1931



172.4750, -7.6292, -73.2076



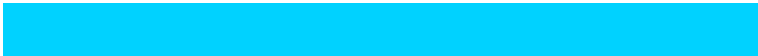
198.1510, 28.0266, 17.4076

# Square

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



172.4750, -7.6292, -73.2076



152.3400, 50.6114, -133.6022



196.7270, 17.8826, 51.1054



193.6470, -44.6890, 53.8066



# Rectangle

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



172.4750, -7.6292, -73.2076



156.6140, 41.6023, -137.3505



196.7270, 17.8826, 51.1054



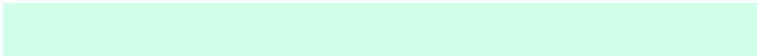
186.2050, -17.3561, 60.3332

# Sweetspot

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



172.4750, -7.6292, -73.2076



238.7380, -2.8288, -26.0802



183.2610, -46.4707, -28.2929



117.7330, -1.8404, -16.4288



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.



172.4750, -7.6292, -73.2076



191.0770, -10.8840, -102.6765



178.2550, 19.5943, -78.2766



106.0270, -0.9993, -6.1627



111.9250, -10.3160, -98.1582



29.7380, -2.8288, -26.0802



# Inverse Universe

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



134.5250, 7.6292, 73.2076



137.9230, 10.8840, 102.6765



128.7450, -19.5943, 78.2766



102.8590, 0.5625, 6.2627



61.0750, 10.3160, 98.1582

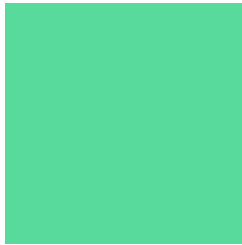


16.2620, 2.8288, 26.0802



# Previews

## White Background



This preview shows how the YUV color 172.4750, -7.6292, -73.2076 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 172.4750, -7.6292, -73.2076 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

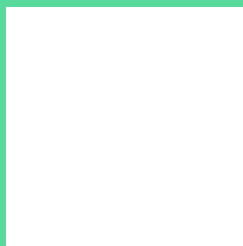
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 172.4750, -7.6292, -73.2076

## Background



This preview shows how black text looks on a background with the YUV color 172.4750, -7.6292, -73.2076.



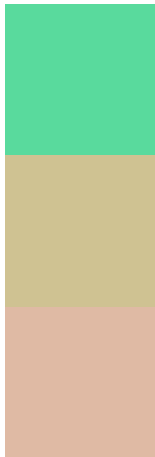
This preview shows how white text looks on a background with the YUV color 172.4750, -7.6292, -73.2076.

-73.2076.

# 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

172.4750, -7.6292, -73.2076

### Protanopia

192.4150, -22.8826, 12.7910

### Deuteranopia

194.5550, -15.0636, 24.9463



## Tritanopia

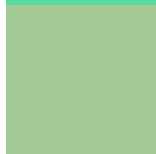
181.6360, 21.8715, -61.9478

# Trichromacy



## Original Color

172.4750, -7.6292, -73.2076



## Protanomaly

185.2970, -17.4014, -18.6775



## Deuteranomaly

186.6060, -12.6238, -11.0555



## Tritanomaly

178.1550, 11.2626, -65.9109

# Monochromacy



## Original Color

172.4750, -7.6292, -73.2076



## Achromatopsia

172.0000, 0.0000, 0.0000



## Achromatomaly

172.4390, -2.6814, -26.6950

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 172.4750, -7.6292, -73.2076 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(89, 218, 157)` looks like.

```
.text, #text, p{  
    color:rgb(89, 218, 157)  
}
```

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(89, 218, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 218, 157) }
```

## Border

The CSS property to change the border of an element to YUV 172.4750, -7.6292, -73.2076 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(89, 218, 157) }
```



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

```
.border{ border-color:rgb(89, 218, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 218, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 218, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 218, 157);  
box-shadow:4px 4px 4px 4px rgb(89, 218,  
157) }
```

# Background

The CSS property to change the background color of an element to YUV 172.4750, -7.6292, -73.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 218, 157) }
```

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

```
.background{ background-color: rgb(89, 218,  
157) }
```

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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