

# Converting Colors

YUV(147.7950, -6.3079,  
-76.9962)

Have a look what the booklet for  
YUV(147.7950, -6.3079, -76.9962)  
contains.

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# Color

**YUV(147.7950, -6.3079,  
-76.9962)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CC387
RGB	60, 195, 135
RGB Percent	24%, 76%, 53%
CMY	0.7647, 0.2353, 0.4706
CMYK	0.69, 0.00, 0.31, 0.24
HSL	153°, 53%, 50%
HSV	153°, 69%, 76%
XYZ	25.7518, 41.7401, 29.6211
YIQ	147.7950, -61.2000, -47.2800

# Conversions

## Conversions Part 2

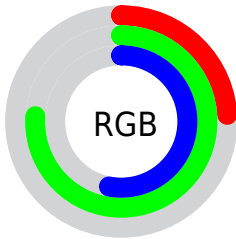
Format	Color
<a href="#">RYB</a>	<a href="#">60, 147, 195</a>
Decimal	<a href="#">3982215</a>
CIELab	<a href="#">70.69, -50.13, 19.88</a>
CIELCh	<a href="#">71, 53.928, 158.372</a>
Yxy	<a href="#">41.7401, 0.2652, 0.4298</a>
Android (android.graphics.Color)	<a href="#">4282172295 (0xFF3CC387)</a>
YUV	<a href="#">147.7950, -6.3079, -76.9962</a>
Hunter-Lab	<a href="#">64.6066, -41.9127, 18.0411</a>

# Details

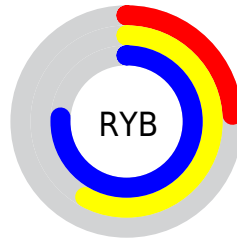
The YUV color **147.7950, -6.3079, -76.9962** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **107.2050, 6.3079, 76.9962**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1330, -8.9396, -72.9076**, and **91.8700, -3.3869, -80.5700** is the 20% darker color. If you saturate the color by 10%, you get **141.0880, -7.4384, -87.7772**, and if you desaturate by 10%, it is **154.8010, -5.3249, -65.6005**.

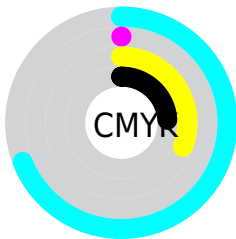
# Distribution



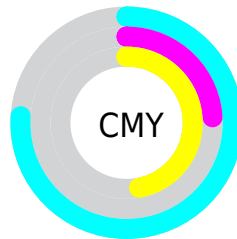
- Red (24%)
- Green (76%)
- Blue (53%)



- Red (24%)
- Yellow (58%)
- Blue (76%)



- Cyan (69%)
- Magenta (0%)
- Yellow (31%)
- Black (24%)



- Cyan (76%)
- Magenta (24%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 147.7950, -6.3079, -76.9962 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 147.7950, -6.3079, -76.9962 by changing the saturation by 10% instead.





 147.7950, -6.3079,  
-76.9962

 147.7950, -6.3079,  
-76.9962


255.0000, 0.0000,  
0.0000


 113.4450, -2.1914,  
-90.7213


 206.1330, -8.9396,  
-72.9076

 91.8700, -3.3869,  
-80.5700


 220.0560, -1.9996,  
-58.8081


 73.8720, -6.3459,  
-64.7857

 232.3320, 6.2453,  
-43.2642

 56.1020, -8.4313,  
-49.2015

 242.4420, 6.1911,  
-25.8206

 39.6200, -10.6587,  
-34.7467

 251.4120, 1.7689,  
-7.3773

 24.6540, -12.1544,  
-21.6216

 2.9350, -1.4470,

-2.5740

■ 0.0000, 0.0000,  
0.0000

■ 147.7950, -6.3079,  
-76.9962

■ 147.7950, -6.3079,  
-76.9962

■ 141.0880, -7.4384,  
-87.7772

■ 154.8010, -5.3249,  
-65.6005

■ 134.1960, -7.9846,  
-99.2729

■ 161.3940, -4.6312,  
-54.7195

■ 127.4890, -9.1151,  
-110.0539

■ 168.4000, -3.6482,  
-43.3238

■ 126.7770, -9.2571,  
-111.1834

■ 175.1070, -2.5178,  
-32.5428

■ 181.9990, -1.9715,  
-21.0471

■ 188.7060, -0.8411,  
-10.2662

■ 195.7120, 0.1420,  
1.1296

■ 202.3050, 0.8356,  
12.0105

■ 209.3110, 1.8187,  
23.4063

# Harmonies

## Analogous

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



161.0350, -33.5413, -21.9557



147.7950, -6.3079, -76.9962



137.4300, 23.9450, -120.5261

# Triad

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



147.7950, -6.3079, -76.9962



164.6960, 44.5199, -46.2144



171.4210, -28.3086, 73.2988

# Complementary

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



147.7950, -6.3079, -76.9962



107.2050, 6.3079, 76.9962

# 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.



171.4960, -5.1745, 73.2330



147.7950, -6.3079, -76.9962



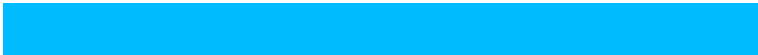
177.7900, 35.5995, 15.0932

# Square

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



147.7950, -6.3079, -76.9962



139.4260, 56.9780, -122.2766



177.3150, 16.1137, 58.4827



170.1630, -43.9574, 52.4770



# Rectangle

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



147.7950, -6.3079, -76.9962



140.4910, 38.2119, -123.2106



177.3150, 16.1137, 58.4827



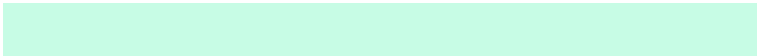
170.1960, -20.3096, 74.3731

# Sweetspot

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



147.7950, -6.3079, -76.9962



233.5310, -2.2338, -30.2837



157.4840, -48.0596, -31.9965



116.7220, -1.8349, -18.1732



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.



147.7950, -6.3079, -76.9962



178.9070, -9.8142, -119.1904



150.5260, 21.9257, -79.3913



93.5540, -0.2731, -5.7479



104.6530, -7.7169, -91.7807



21.4230, -1.6875, -18.7880



# Inverse Universe

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



107.2050, 6.3079, 76.9962



116.0930, 9.8142, 119.1904



104.4740, -21.9257, 79.3913



90.5600, 0.7099, 5.6479



56.2330, 7.2801, 91.8807

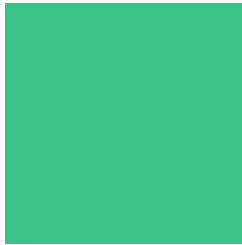


11.5770, 1.6875, 18.7880



# Previews

## White Background



This preview shows how the YUV color 147.7950, -6.3079, -76.9962 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 147.7950, -6.3079, -76.9962 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

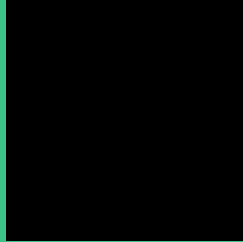
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 147.7950, -6.3079, -76.9962

## Background



This preview shows how black text looks on a background with the YUV color 147.7950, -6.3079, -76.9962.



This preview shows how white text looks on a background with the YUV color 147.7950, -6.3079, -76.9962.

-76.9962.

# 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

147.7950, -6.3079, -76.9962

### Protanopia

169.5290, -22.4458, 12.6911

### Deuteranopia

172.5440, -15.0582, 23.2019



## Tritanopia

158.8100, 21.2927, -62.9774

# Trichromacy



## Original Color

147.7950, -6.3079, -76.9962



## Protanomaly

161.8130, -16.6698, -20.0070



## Deuteranomaly

163.4100, -12.0341, -13.5146



## Tritanomaly

154.8450, 11.4154, -68.2701

# Monochromacy



## Original Color

147.7950, -6.3079, -76.9962



## Achromatopsia

148.0000, 0.0000, 0.0000



## Achromatomaly

147.8410, -2.3866, -27.9246

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 147.7950, -6.3079, -76.9962 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(60, 195, 135)` looks like.

```
.text, #text, p{  
    color:rgb(60, 195, 135)  
}
```

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(60, 195, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 195, 135) }
```

## Border

The CSS property to change the border of an element to YUV 147.7950, -6.3079, -76.9962 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(60, 195, 135) }
```



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

```
.border{ border-color:rgb(60, 195, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 195, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 195, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 195, 135);  
box-shadow:4px 4px 4px 4px rgb(60, 195,  
135) }
```

# Background

The CSS property to change the background color of an element to YUV 147.7950, -6.3079, -76.9962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 195, 135) }
```

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

```
.background{ background-color: rgb(60, 195,  
135) }
```

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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