

# Converting Colors

YUV(171.5780, 6.1240,  
-97.8539)

Have a look what the booklet for  
YUV(171.5780, 6.1240, -97.8539)  
contains.

<b>YUV(171.5780, 6.1240, -97.8539)</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(171.5780, 6.1240,  
-97.8539)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3CE2B8
RGB	60, 226, 184
RGB Percent	24%, 89%, 72%
CMY	0.7647, 0.1137, 0.2784
CMYK	0.73, 0.00, 0.19, 0.11
HSL	165°, 74%, 56%
HSV	165°, 73%, 89%
XYZ	37.7116, 58.8141, 54.7120
YIQ	171.5780, -85.4540, -48.2540

# Conversions

## Conversions Part 2

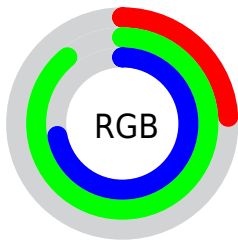
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 155, 226
Decimal	3990200
CIELab	81.19, -51.51, 8.57
CIELCh	81, 52.218, 170.559
Yxy	58.8141, 0.2494, 0.3889
Android (android.graphics.Color)	4282180280 (0xFF3CE2B8)
YUV	171.5780, 6.1240, -97.8539
Hunter-Lab	76.6903, -46.4328, 11.3848

# Details

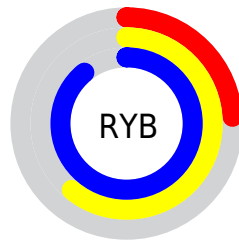
The YUV color **171.5780, 6.1240, -97.8539** is a light color, and the websafe version is hex **33CC99**. The color can be described as light washed spring green. A complement of this color would be **114.4220, -6.1240, 97.8539**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.9150, 11.8739, -75.3475**, and **114.7240, 8.0241, -100.6129** is the 20% darker color. If you saturate the color by 10%, you get **164.0170, 6.8936, -111.3939**, and if you desaturate by 10%, it is **179.1390, 5.3545, -84.3139**.

# Distribution



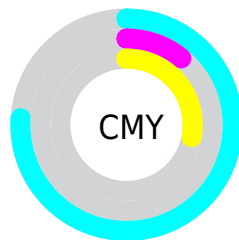
- Red (24%)
- Green (89%)
- Blue (72%)



- Red (24%)
- Yellow (61%)
- Blue (89%)



- Cyan (73%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (76%)
- Magenta (11%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 171.5780, 6.1240, -97.8539 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 171.5780, 6.1240, -97.8539 by changing the saturation by 10% instead.



■ 171.5780, 6.1240,  
-97.8539

■ 171.5780, 6.1240,  
-97.8539

255.0000, 0.0000,  
0.0000

■ 133.5370, 11.5673,  
-117.1119

■ 215.9150, 11.8739,  
-75.3475

■ 114.7240, 8.0241,  
-100.6129

■ 226.8940, 13.8563,  
-57.7890

■ 95.4380, 5.2071,  
-83.6991

■ 236.1630, 9.2866,  
-38.7310

■ 77.4400, 2.2481,  
-67.9149

■ 245.4320, 4.7170,  
-19.6729

■ 59.5560, -0.2741,  
-52.2306

254.7010, 0.1474,  
-0.6148

■ 42.3730, -2.6489,  
-37.1611

■ 27.0650, -5.4550,

-23.7360

■ 4.6960, -2.3151,  
-4.1184

■ 0.0000, 0.0000,  
0.0000

■ 171.5780, 6.1240,  
-97.8539

■ 171.5780, 6.1240,  
-97.8539

■ 164.0170, 6.8936,  
-111.3939

■ 179.1390, 5.3545,  
-84.3139


■ 156.8690, 7.9526,  
-124.4191


■ 186.2870, 4.2955,  
-71.2887


■ 151.9280, 8.4165,  
-133.2409

■ 193.8480, 3.5259,  
-57.7487

■ 201.1100, 2.9038,  
-44.8235

 208.6710, 2.1342,  
-31.2835

 216.1180, 0.9278,  
-17.6435

 223.3800, 0.3057,  
-4.7183

 230.9410, -0.4639,  
8.8217

 235.6970, -0.3436,  
16.9287

# Harmonies

## Analogous

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



187.0310, -24.1723, -40.3692



171.5780, 6.1240, -97.8539



159.9250, 36.5190, -140.2542

# Triad

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



171.5780, 6.1240, -97.8539



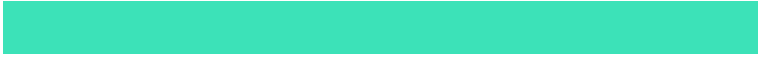
197.9530, 28.1242, -13.9908



194.1490, -32.6115, 53.3663

# Complementary

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



171.5780, 6.1240, -97.8539



114.4220, -6.1240, 97.8539

# 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.



191.3060, -10.5039, 55.8596



171.5780, 6.1240, -97.8539



206.2350, 24.0411, 35.7509

# Square

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



171.5780, 6.1240, -97.8539



177.4450, 38.2346, -83.7053



196.8920, 10.8992, 50.9607



198.9890, -46.8296, 40.3516

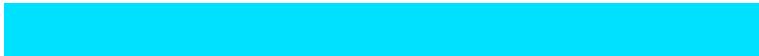


# Rectangle

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



171.5780, 6.1240, -97.8539



160.5580, 46.5599, -140.8094



196.8920, 10.8992, 50.9607



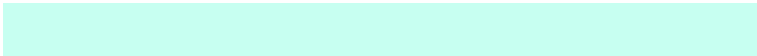
192.5820, -25.9229, 54.7406

# Sweetspot

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



171.5780, 6.1240, -97.8539



236.6600, 2.1396, -33.0278



170.5980, -54.5248, -58.4064



116.8080, 1.0807, -20.0026



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.



171.5780, 6.1240, -97.8539



181.5260, 8.1217, -132.0113



153.4730, 35.7558, -81.9758



108.3690, 0.3111, -6.4626



118.2460, 6.2877, -103.7017



32.2800, 1.8340, -28.3096



# Inverse Universe

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



114.4220, -6.1240, 97.8539



104.3600, -8.5585, 132.1113



132.5270, -35.7558, 81.9758



104.6310, -0.3111, 6.4626



57.7540, -6.2877, 103.7017

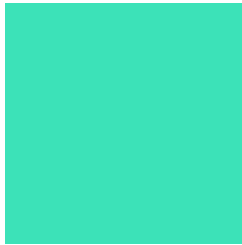


15.7200, -1.8340, 28.3096



# Previews

## White Background



This preview shows how the YUV color 171.5780, 6.1240, -97.8539 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 171.5780, 6.1240, -97.8539 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

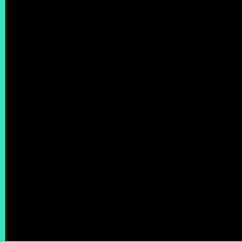
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

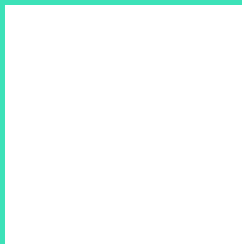
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 171.5780, 6.1240, -97.8539

## Background



This preview shows how black text looks on a background with the YUV color 171.5780, 6.1240, -97.8539.



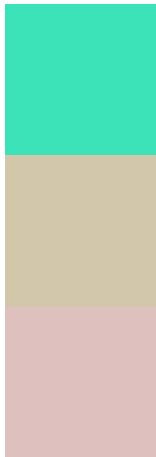
This preview shows how white text looks on a background with the YUV color 171.5780, 6.1240,

-97.8539.

# 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

171.5780, 6.1240, -97.8539

### Protanopia

198.9830, -14.2886, 9.6619

### Deuteranopia

201.4430, -5.1484, 18.0285



## Tritanopia

181.5840, 27.3201, -82.9502

# Trichromacy



## Original Color

171.5780, 6.1240, -97.8539



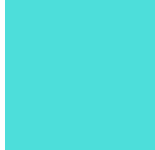
## Protanomaly

188.9780, -6.8912, -29.7987



## Deuteranomaly

190.5040, -1.2345, -24.1210



## Tritanomaly

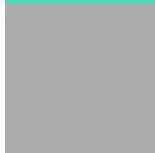
178.1890, 19.6268, -88.7428

# Monochromacy



## Original Color

171.5780, 6.1240, -97.8539



## Achromatopsia

172.0000, 0.0000, 0.0000



## Achromatomaly

171.9370, 2.0031, -35.9017

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 171.5780, 6.1240, -97.8539 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, 226, 184)` looks like.

```
.text, #text, p{  
    color:rgb(60, 226, 184)  
}
```

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, 226, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 226, 184) }
```

## Border

The CSS property to change the border of an element to YUV 171.5780, 6.1240, -97.8539 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, 226, 184) }
```



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

```
.border{ border-color:rgb(60, 226, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 226, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 226, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 226, 184);  
box-shadow:4px 4px 4px 4px rgb(60, 226,  
184) }
```

# Background

The CSS property to change the background color of an element to YUV 171.5780, 6.1240, -97.8539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 226, 184) }
```

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

```
.background{ background-color: rgb(60, 226,  
184) }
```

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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