

# Converting Colors

YUV(169.9800, -10.3431,  
-89.4365)

Have a look what the booklet for  
YUV(169.9800, -10.3431, -89.4365)  
contains.

<b>YUV(169.9800, -10.3431, -89.4365)</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(169.9800, -10.3431,  
-89.4365)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44E295
RGB	68, 226, 149
RGB Percent	27%, 89%, 58%
CMY	0.7333, 0.1137, 0.4157
CMYK	0.70, 0.00, 0.34, 0.11
HSL	151°, 73%, 58%
HSV	151°, 70%, 89%
XYZ	35.0051, 57.7916, 37.7437
YIQ	169.9800, -69.4510, -57.4430

# Conversions

## Conversions Part 2

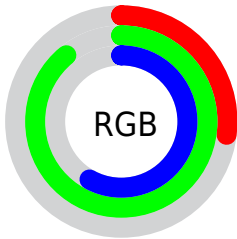
Format	Color
<a href="#">RYB</a>	<a href="#">68, 172, 226</a>
Decimal	<a href="#">4514453</a>
CIELab	<a href="#">80.62, -58.08, 26.10</a>
CIElCh	<a href="#">81, 63.672, 155.804</a>
Yxy	<a href="#">57.7916, 0.2682, 0.4427</a>
Android (android.graphics.Color)	<a href="#">4282704533</a> <a href="#">(0xFF44E295)</a>
YUV	<a href="#">169.9800, -10.3431, -89.4365</a>
Hunter-Lab	<a href="#">76.0208, -50.8430, 23.7775</a>

# Details

The YUV color **169.9800, -10.3431, -89.4365** is a light color, and the websafe version is hex **00CC99**. The color can be described as light muted spring green. A complement of this color would be **124.0200, 10.3431, 89.4365**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0070, -4.4405, -69.2891**, and **110.3750, -6.1009, -96.7989** is the 20% darker color. If you saturate the color by 10%, you get **161.8490, -11.7576, -102.4766**, and if you desaturate by 10%, it is **178.1110, -8.9287, -76.3963**.

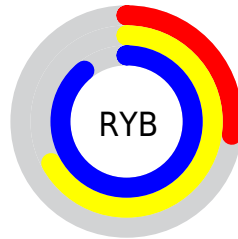
# Distribution



Red (27%)

Green (89%)

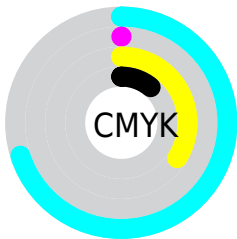
Blue (58%)



Red (27%)

Yellow (67%)

Blue (89%)

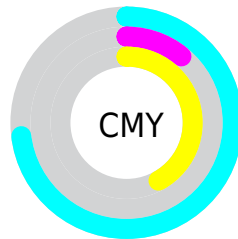


Cyan (70%)

Magenta (0%)

Yellow (34%)

Black (11%)



Cyan (73%)

Magenta (11%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 169.9800, -10.3431, -89.4365 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 169.9800, -10.3431, -89.4365 by changing the saturation by 10% instead.



■ 169.9800,  
-10.3431, -89.4365

■ 169.9800,  
-10.3431, -89.4365

255.0000, 0.0000,  
0.0000

■ 134.4450, -5.6424,  
-103.8763

■ 213.0070, -4.4405,  
-69.2891

■ 110.3750, -6.1009,  
-96.7989

■ 225.4680, 3.2203,  
-53.0304

■ 91.6760, -9.2073,  
-80.3999

■ 237.3590, 8.6970,  
-36.2718

■ 73.2050, -11.4401,  
-64.2008

■ 246.3290, 4.2748,  
-17.8285

■ 55.9080, -14.2516,  
-49.0313

■ 37.9100, -17.2106,  
-33.2471

■ 24.6540, -12.1544,

-21.6216

■ 2.3480, -1.1576,  
-2.0592

■ 0.0000, 0.0000,  
0.0000

■ 169.9800,  
-10.3431, -89.4365

■ 169.9800,  
-10.3431, -89.4365

■ 161.8490,  
-11.7576, -102.4766

■ 178.1110, -8.9287,  
-76.3963

■ 154.0170,  
-13.3194, -114.9019

■ 185.9430, -7.3669,  
-63.9710


■ 145.8860,  
-14.7338, -127.9420


■ 194.0740, -5.9525,  
-50.9309


■ 201.9060, -4.3907,  
-38.5056

 210.0370, -2.9762,  
-25.4654

 218.1680, -1.5618,  
-12.4253

 226.0000, 0.0000,  
0.0000

 234.1310, 1.4144,  
13.0401

 237.1790, 5.3348,  
15.6290

# Harmonies

## Analogous

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



186.5050, -43.1400, -23.2449



169.9800, -10.3431, -89.4365



158.9500, 25.1677, -139.3991

# Triad

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



169.9800, -10.3431, -89.4365



180.5230, 36.7172, -63.6027



184.2670, -24.7816, 62.0328

# Complementary

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



169.9800, -10.3431, -89.4365



124.0200, 10.3431, 89.4365

# 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.



184.3080, 3.2992, 61.9969



169.9800, -10.3431, -89.4365



200.2110, 27.0110, 16.4780

# Square

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



169.9800, -10.3431, -89.4365



157.6230, 48.0069, -138.2354



196.9040, 26.1763, 50.9502



191.5780, -50.0780, 55.6211

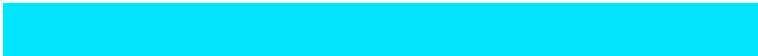


# Rectangle

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



169.9800, -10.3431, -89.4365



162.9230, 42.9290, -142.8835



196.9040, 26.1763, 50.9502



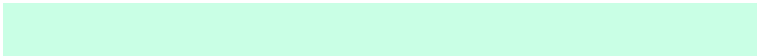
182.7970, -15.1829, 63.3220

# Sweetspot

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



169.9800, -10.3431, -89.4365



235.8900, -3.3968, -30.5985



184.3670, -57.3689, -32.7709



116.6080, -2.2717, -18.0732



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.



169.9800, -10.3431, -89.4365



179.1580, -13.8819, -121.1646



178.7580, 23.2903, -97.1348



108.1410, -0.5625, -6.2627



113.5720, -11.6210, -99.6026



31.0260, -2.9708, -27.2098



# Inverse Universe

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



124.0200, 10.3431, 89.4365



116.8420, 13.8819, 121.1646



115.2420, -23.2903, 97.1348



104.8590, 0.5625, 6.2627



62.4280, 11.6210, 99.6026

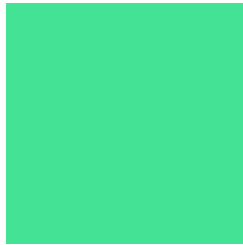


17.0880, 3.4076, 27.1098



# Previews

## White Background



This preview shows how the YUV color 169.9800, -10.3431, -89.4365 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 169.9800, -10.3431, -89.4365 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

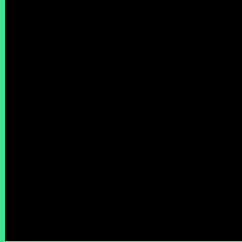
Any Text WCAG AA ✓ Pass

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 169.9800, -10.3431, -89.4365 Background



This preview shows how black text looks on a background with the YUV color 169.9800, -10.3431, -89.4365.



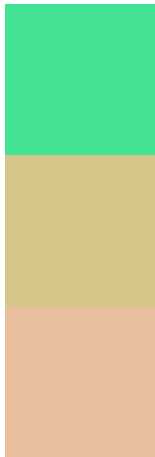
This preview shows how white text looks on a background with the YUV color 169.9800, -10.3431, -89.4365.

-89.4365.

# 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

169.9800, -10.3431, -89.4365

### Protanopia

195.8300, -29.0032, 15.9351

### Deuteranopia

198.7960, -20.6054, 29.1199



## Tritanopia

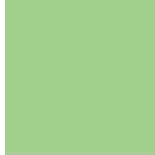
183.5530, 24.3774, -72.3990

# Trichromacy



## Original Color

169.9800, -10.3431, -89.4365



## Protanomaly

186.3090, -22.3373, -22.1960



## Deuteranomaly

188.1450, -16.8335, -14.1592



## Tritanomaly

178.7790, 11.4480, -78.7362

# Monochromacy



## Original Color

169.9800, -10.3431, -89.4365



## Achromatopsia

170.0000, 0.0000, 0.0000



## Achromatomaly

169.7650, -3.8281, -32.2429

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 169.9800, -10.3431, -89.4365 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(68, 226, 149)` looks like.

```
.text, #text, p{  
    color:rgb(68, 226, 149)  
}
```

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(68, 226, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 226, 149) }
```

## Border

The CSS property to change the border of an element to YUV 169.9800, -10.3431, -89.4365 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(68, 226, 149) }
```



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

```
.border{ border-color:rgb(68, 226, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 226, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 226, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 226, 149);  
box-shadow:4px 4px 4px 4px rgb(68, 226,  
149) }
```

# Background

The CSS property to change the background color of an element to YUV 169.9800, -10.3431, -89.4365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 226, 149) }
```

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

```
.background{ background-color: rgb(68, 226,  
149) }
```

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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