

Converting Colors

YUV(169.1820, 3.3613,
-98.3836)

Have a look what the booklet for
YUV(169.1820, 3.3613, -98.3836)
contains.

YUV(169.1820, 3.3613, -98.3836)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(169.1820, 3.3613,
-98.3836)**

Conversions

Conversions Part 1

Format	Color
Hex	39E1B0
RGB	57, 225, 176
RGB Percent	22%, 88%, 69%
CMY	0.7765, 0.1176, 0.3098
CMYK	0.75, 0.00, 0.22, 0.12
HSL	162°, 74%, 55%
HSV	162°, 75%, 88%
XYZ	36.4490, 57.8549, 50.3203
YIQ	169.1820, -84.3990, -50.8550

Conversions

Conversions Part 2

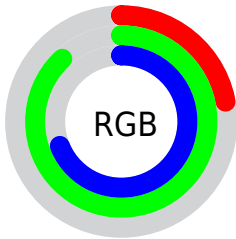
Format	Color
RYB	57, 155, 225
Decimal	3793328
CIELab	80.66, -53.37, 12.02
CIELCh	81, 54.706, 167.304
Yxy	57.8549, 0.2520, 0.4000
Android (android.graphics.Color)	4281983408 (0xFF39E1B0)
YUV	169.1820, 3.3613, -98.3836
Hunter-Lab	76.0624, -47.5721, 14.0194

Details

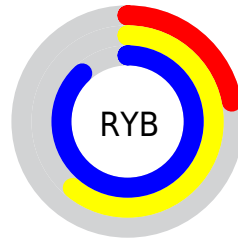
The YUV color **169.1820, 3.3613, -98.3836** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed spring green. A complement of this color would be **112.8180, -3.3613, 98.3836**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4050, 8.6743, -75.7772**, and **113.2250, 4.8191, -99.2983** is the 20% darker color. If you saturate the color by 10%, you get **161.8060, 3.5466, -111.2089**, and if you desaturate by 10%, it is **176.5580, 3.1759, -85.5584**.

Distribution



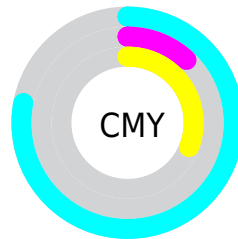
- Red (22%)
- Green (88%)
- Blue (69%)



- Red (22%)
- Yellow (61%)
- Blue (88%)



- Cyan (75%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)



- Cyan (78%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.1820, 3.3613, -98.3836 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 169.1820, 3.3613, -98.3836 by changing the saturation by 10% instead.

■ 169.1820, 3.3613,
-98.3836

■ 169.1820, 3.3613,
-98.3836

■ 255.0000, 0.0000,
0.0000

■ 132.0380, 8.3623,
-115.7973

■ 214.4050, 8.6743,
-75.7772

■ 113.2250, 4.8191,
-99.2983

■ 226.2960, 14.1511,
-59.0186

■ 94.0530, 2.4389,
-82.4845

■ 235.5650, 9.5815,
-39.9605

■ 76.0550, -0.5201,
-66.7002

■ 244.8340, 5.0118,
-20.9024

■ 58.1710, -3.0423,
-51.0160

■ 254.1030, 0.4422,
-1.8443

■ 40.9880, -5.4171,
-35.9465

■ 25.4520, -9.0968,

-22.3214

■ 2.9350, -1.4470,
-2.5740

■ 0.0000, 0.0000,
0.0000

■ 169.1820, 3.3613,
-98.3836

■ 169.1820, 3.3613,
-98.3836

■ 161.8060, 3.5466,
-111.2089

■ 176.5580, 3.1759,
-85.5584


■ 154.2450, 4.3162,
-124.7489


■ 184.1190, 2.4063,
-72.0184

■ 150.2010, 4.3379,
-131.7263


■ 191.4950, 2.2210,
-59.1931


■ 199.0560, 1.4514,
-45.6531

 206.7310, 1.1186,
-32.2131

 213.9930, 0.4965,
-19.2879

 221.3690, 0.3111,
-6.4626

 228.9300, -0.4585,
7.0774

 235.1100, -0.0542,
17.4435

Harmonies

Analogous

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



185.6140, -28.4037, -36.4955



169.1820, 3.3613, -98.3836



158.7680, 34.6244, -139.2395

Triad

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



169.1820, 3.3613, -98.3836



194.0660, 30.0405, -21.9829



191.1000, -31.6013, 56.0403

Complementary

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



169.1820, 3.3613, -98.3836



112.8180, -3.3613, 98.3836

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.



189.1860, -8.4727, 57.7189



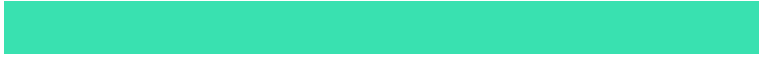
169.1820, 3.3613, -98.3836



204.1530, 25.0676, 33.1918

Square

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



169.1820, 3.3613, -98.3836



165.1750, 44.2837, -110.6555



195.7010, 13.9514, 52.0052



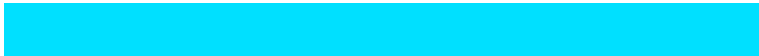
197.5660, -48.5930, 45.9846

Rectangle

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



169.1820, 3.3613, -98.3836



160.5580, 46.5599, -140.8094



195.7010, 13.9514, 52.0052



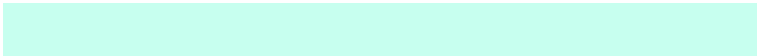
189.7610, -24.0392, 57.2146

Sweetspot

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



169.1820, 3.3613, -98.3836



236.4320, 1.2660, -32.8279



170.5660, -55.9880, -55.7474



116.6940, 0.6439, -19.9026



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.



169.1820, 3.3613, -98.3836



178.5920, 4.6381, -134.7002



154.8100, 34.6037, -85.7794



108.3690, 0.3111, -6.4626



117.5620, 3.6669, -103.1019



32.0520, 0.9604, -28.1096

Inverse Universe

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



112.8180, -3.3613, 98.3836



101.4080, -4.6381, 134.7002



127.1900, -34.6037, 85.7794



104.6310, -0.3111, 6.4626



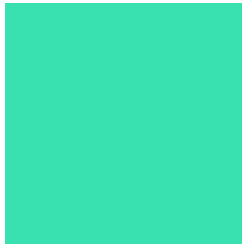
58.4380, -3.6669, 103.1019



15.9480, -0.9604, 28.1096

Previews

White Background



This preview shows how the YUV color 169.1820, 3.3613, -98.3836 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 169.1820, 3.3613, -98.3836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

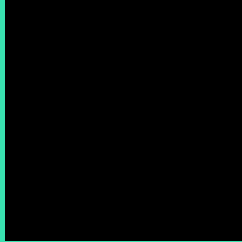
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

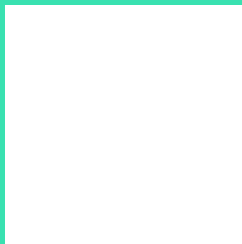
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 169.1820, 3.3613, -98.3836

Background



This preview shows how black text looks on a background with the YUV color 169.1820, 3.3613, -98.3836.



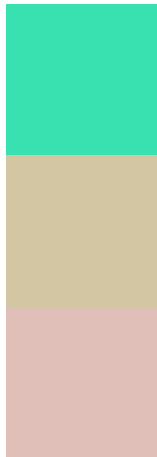
This preview shows how white text looks on a background with the YUV color 169.1820, 3.3613,

-98.3836.

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

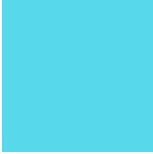
169.1820, 3.3613, -98.3836

Protanopia

197.5980, -17.0568, 10.8766

Deuteranopia

199.6560, -8.2114, 20.4727



Tritanopia

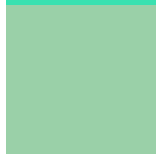
180.1820, 27.0253, -81.7206

Trichromacy



Original Color

169.1820, 3.3613, -98.3836



Protanomaly

187.2940, -9.5119, -29.1988



Deuteranomaly

188.4180, -4.1501, -22.2916



Tritanomaly

176.2600, 18.6058, -87.9280

Monochromacy



Original Color

169.1820, 3.3613, -98.3836



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.8230, 1.5663, -35.8018

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.1820, 3.3613, -98.3836 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(57, 225, 176)` looks like.

```
.text, #text, p{  
    color:rgb(57, 225, 176)  
}
```

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(57, 225, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 225, 176) }
```

Border

The CSS property to change the border of an element to YUV 169.1820, 3.3613, -98.3836 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(57, 225, 176) }
```


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

```
.border{ border-color:rgb(57, 225, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 225, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 225, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 225, 176);  
box-shadow:4px 4px 4px 4px rgb(57, 225,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 169.1820, 3.3613, -98.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 225, 176) }
```

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

```
.background{ background-color: rgb(57, 225,  
176) }
```

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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