

Converting Colors

YUV(168.7860, 0.5985,
-98.9133)

Have a look what the booklet for
YUV(168.7860, 0.5985, -98.9133)
contains.

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Color

**YUV(168.7860, 0.5985,
-98.9133)**

Conversions

Conversions Part 1

Format	Color
Hex	38E2AA
RGB	56, 226, 170
RGB Percent	22%, 89%, 67%
CMY	0.7804, 0.1137, 0.3333
CMYK	0.75, 0.00, 0.25, 0.11
HSL	160°, 75%, 55%
HSV	160°, 75%, 89%
XYZ	36.0829, 58.1357, 47.3498
YIQ	168.7860, -83.3440, -53.4560

Conversions

Conversions Part 2

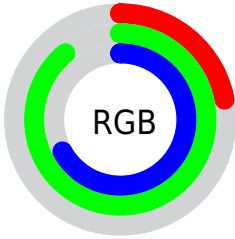
Format	Color
RYB	56, 158, 226
Decimal	3728042
CIELab	80.81, -55.26, 15.40
CIELCh	81, 57.366, 164.431
Yxy	58.1357, 0.2549, 0.4107
Android (android.graphics.Color)	4281918122 (0xFF38E2AA)
YUV	168.7860, 0.5985, -98.9133
Hunter-Lab	76.2468, -48.9588, 16.5533

Details

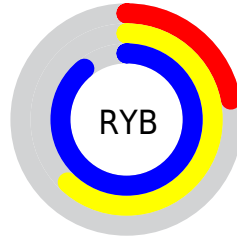
The YUV color **168.7860, 0.5985, -98.9133** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed spring green. A complement of this color would be **113.2140, -0.5985, 98.9133**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3080, 5.7642, -75.6921**, and **112.6550, 2.6351, -98.7984** is the 20% darker color. If you saturate the color by 10%, you get **161.1110, 0.9313, -112.3533**, and if you desaturate by 10%, it is **176.4610, 0.2657, -85.4733**.

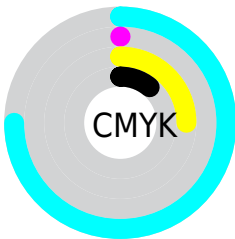
Distribution



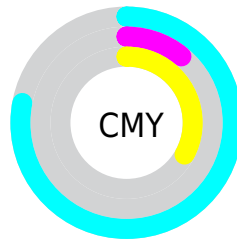
- Red (22%)
- Green (89%)
- Blue (67%)



- Red (22%)
- Yellow (62%)
- Blue (89%)



- Cyan (75%)
- Magenta (0%)
- Yellow (25%)
- Black (11%)



- Cyan (78%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.7860, 0.5985, -98.9133 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 168.7860, 0.5985, -98.9133 by changing the saturation by 10% instead.

■ 168.7860, 0.5985,
-98.9133

■ 168.7860, 0.5985,
-98.9133

■ 255.0000, 0.0000,
0.0000

■ 131.9410, 5.4521,
-115.7123

■ 213.3080, 5.7642,
-75.6921

■ 112.6550, 2.6351,
-98.7984

■ 226.1820, 13.7143,
-58.9186

■ 93.9560, -0.4713,
-82.3994

■ 235.5650, 9.5815,
-39.9605

■ 75.9580, -3.4303,
-66.6152

■ 244.5350, 5.1592,
-21.5172

■ 58.1880, -5.5157,
-51.0309

■ 253.8040, 0.5896,
-2.4591

■ 41.0050, -7.8905,
-35.9614

■ 24.6540, -12.1544,

-21.6216

■ 3.5220, -1.7363,
-3.0888

■ 0.0000, 0.0000,
0.0000

■ 168.7860, 0.5985,
-98.9133

■ 168.7860, 0.5985,
-98.9133

■ 161.1110, 0.9313,
-112.3533

■ 176.4610, 0.2657,
-85.4733


■ 153.6210, 0.6798,
-125.0786

■ 183.9510, 0.5172,
-72.7480


■ 149.9900, 0.9909,
-131.5412


■ 191.6260, 0.1844,
-59.3080

■ 199.1160, 0.4358,
-46.5827

 206.7910, 0.1030,
-33.1427

 214.5800, 0.2071,
-19.8027

 221.9560, 0.0217,
-6.9774

 229.7450, 0.1257,
6.3626

 235.9250, 0.5300,
16.7288

Harmonies

Analogous

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



186.3000, -32.1929, -34.4661



168.7860, 0.5985, -98.9133



159.6000, 32.7352, -139.9692

Triad

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



168.7860, 0.5985, -98.9133



191.9510, 31.0832, -29.7750



189.4530, -30.2963, 57.4847

Complementary

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



168.7860, 0.5985, -98.9133



113.2140, -0.5985, 98.9133

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.



187.9950, -5.4205, 58.7634



168.7860, 0.5985, -98.9133



203.5440, 25.3678, 30.2179

Square

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



168.7860, 0.5985, -98.9133



154.6880, 49.4538, -135.6614



195.9120, 17.2984, 51.8202



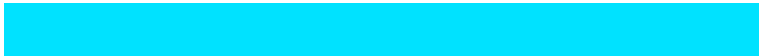
197.5450, -50.0617, 50.3880

Rectangle

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



168.7860, 0.5985, -98.9133



161.7320, 45.9811, -141.8390



195.9120, 17.2984, 51.8202



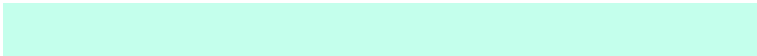
188.2280, -22.2974, 58.5590

Sweetspot

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



168.7860, 0.5985, -98.9133



235.1930, 0.3979, -34.3723



172.8330, -57.5987, -52.4735



115.8680, 0.0651, -20.9322



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.



168.7860, 0.5985, -98.9133



177.5660, 0.7070, -133.8004



158.7340, 33.1621, -90.0977



108.3690, 0.3111, -6.4626



116.7640, 0.6093, -102.4020



31.8240, 0.0868, -27.9096

Inverse Universe

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



113.2140, -0.5985, 98.9133



102.4340, -0.7070, 133.8004



123.2660, -33.1621, 90.0977



104.7450, 0.1257, 6.3626



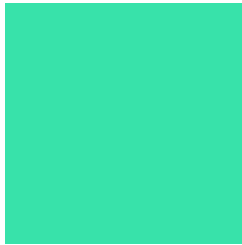
59.2360, -0.6093, 102.4020



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 168.7860, 0.5985, -98.9133 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 168.7860, 0.5985, -98.9133 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

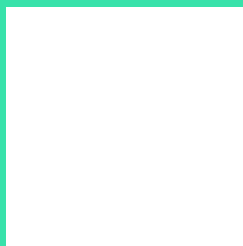
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.7860, 0.5985, -98.9133

Background



This preview shows how black text looks on a background with the YUV color 168.7860, 0.5985, -98.9133.



This preview shows how white text looks on a background with the YUV color 168.7860, 0.5985,

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

168.7860, 0.5985, -98.9133

Protanopia

197.5120, -19.9724, 12.7060

Deuteranopia

200.5700, -11.1270, 22.3021



Tritanopia

180.7800, 26.7305, -80.4911

Trichromacy



Original Color

168.7860, 0.5985, -98.9133



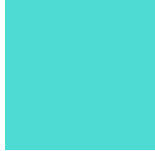
Protanomaly

186.9090, -12.2801, -27.9842



Deuteranomaly

188.7340, -6.7709, -21.6917



Tritanomaly

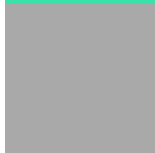
176.2170, 17.1480, -87.0133

Monochromacy



Original Color

168.7860, 0.5985, -98.9133



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.0680, -0.0335, -36.0166

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.7860, 0.5985, -98.9133 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(56, 226, 170)` looks like.

```
.text, #text, p{  
    color:rgb(56, 226, 170)  
}
```

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(56, 226, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 226, 170) }
```

Border

The CSS property to change the border of an element to YUV 168.7860, 0.5985, -98.9133 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(56, 226, 170) }
```


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

```
.border{ border-color:rgb(56, 226, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 226, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 226, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 226, 170);  
box-shadow:4px 4px 4px 4px rgb(56, 226,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 168.7860, 0.5985, -98.9133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 226, 170) }
```

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

```
.background{ background-color: rgb(56, 226,  
170) }
```

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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