

Converting Colors

YUV(138.3870, 9.1762,
-96.8094)

Have a look what the booklet for
YUV(138.3870, 9.1762, -96.8094)
contains.

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Color

**YUV(138.3870, 9.1762,
-96.8094)**

Conversions

Conversions Part 1

Format	Color
Hex	1CBF9D
RGB	28, 191, 157
RGB Percent	11%, 75%, 62%
CMY	0.8902, 0.2510, 0.3843
CMYK	0.85, 0.00, 0.18, 0.25
HSL	167°, 74%, 43%
HSV	167°, 85%, 75%
XYZ	25.1955, 39.9428, 38.2801
YIQ	138.3870, -86.2340, -45.1300

Conversions

Conversions Part 2

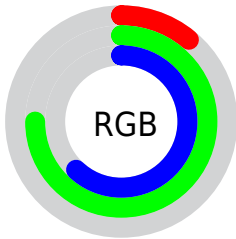
Format	Color
R_{YB}	28, 119, 191
Decimal	1884061
CIE _{Lab}	69.43, -47.04, 6.13
CIE _{LCh}	69, 47.434, 172.569
Yxy	39.9428, 0.2436, 0.3862
Android (android.graphics.Color)	4280074141 (0xFF1CBF9D)
YUV	138.3870, 9.1762, -96.8094
Hunter-Lab	63.2003, -39.4396, 8.3286

Details

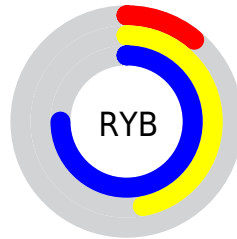
The YUV color **138.3870, 9.1762, -96.8094** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **80.6130, -9.1762, 96.8094**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4380, 5.2071, -83.6991**, and **91.9160, 6.9434, -80.6103** is the 20% darker color. If you saturate the color by 10%, you get **132.2500, 10.2297, -108.0902**, and if you desaturate by 10%, it is **144.5240, 8.1227, -85.5285**.

Distribution



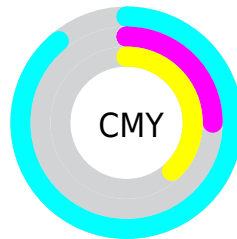
- Red (11%)
- Green (75%)
- Blue (62%)



- Red (11%)
- Yellow (47%)
- Blue (75%)



- Cyan (85%)
- Magenta (0%)
- Yellow (18%)
- Black (25%)



- Cyan (89%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.3870, 9.1762, -96.8094 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 138.3870, 9.1762, -96.8094 by changing the saturation by 10% instead.

■ 138.3870, 9.1762,
-96.8094

■ 138.3870, 9.1762,
-96.8094

■ 255.0000, 0.0000,
0.0000

■ 110.6150, 10.0498,
-97.0094

■ 201.4380, 5.2071,
-83.6991

■ 91.9160, 6.9434,
-80.6103

■ 218.0080, 10.8421,
-71.0440

■ 73.9180, 3.9844,
-64.8261

■ 228.9870, 12.8244,
-53.4856

■ 56.6210, 1.1728,
-49.6566

■ 237.9570, 8.4022,
-35.0423

■ 39.4380, -1.2019,
-34.5871

■ 247.2260, 3.8326,
-15.9842

■ 24.7170, -4.2975,
-21.6768

■ 0.0000, 0.0000,

0.0000

■ 138.3870, 9.1762,
-96.8094

■ 138.3870, 9.1762,
-96.8094

■ 132.2500, 10.2297,
-108.0902

■ 144.5240, 8.1227,
-85.5285

■ 129.3310, 10.6828,
-113.4233

■ 150.6610, 7.0691,
-74.2477

■ 156.7980, 6.0156,
-62.9668

■ 162.9350, 4.9620,
-51.6860

■ 169.0720, 3.9085,
-40.4051

■ 175.5080, 2.7076,
-28.5095

■ 181.6450, 1.6540,
-17.2287

■ 187.7820, 0.6005,
-5.9478

■ 193.9190, -0.4531,
5.3330

Harmonies

Analogous

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



155.7800, -20.1045, -38.3951



138.3870, 9.1762, -96.8094



135.0310, 32.5227, -118.4222

Triad

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



138.3870, 9.1762, -96.8094



170.1240, 38.8859, -12.3867



169.1820, -32.6277, 58.5994

Complementary

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



138.3870, 9.1762, -96.8094



80.6130, -9.1762, 96.8094

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.



170.7270, -15.6414, 70.3994



138.3870, 9.1762, -96.8094



174.6970, 23.3204, 33.5917

Square

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



138.3870, 9.1762, -96.8094



153.1870, 49.7008, -74.7090



172.9490, 4.4621, 62.3117



166.4380, -41.1349, 33.8189

Rectangle

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



138.3870, 9.1762, -96.8094



136.8210, 44.4582, -119.9920



172.9490, 4.4621, 62.3117



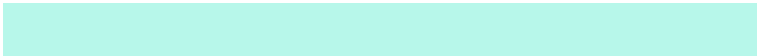
169.4800, -27.8446, 64.4770

Sweetspot

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



138.3870, 9.1762, -96.8094



226.3820, 3.7557, -38.0460



134.1460, -52.3300, -62.3950



112.4270, 2.2545, -23.1765



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



138.3870, 9.1762, -96.8094



167.3330, 14.1328, -146.7510



115.2610, 37.3393, -76.5279



91.0810, 0.4531, -5.3330



106.9960, 8.8760, -93.8355



20.9330, 1.5120, -18.3582

Inverse Universe

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



80.6130, -9.1762, 96.8094



79.7810, -13.6960, 146.6511



103.7390, -37.3393, 76.5279



87.9190, -0.4531, 5.3330



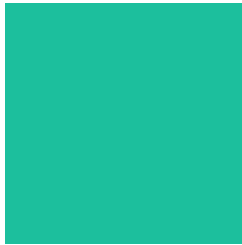
51.0040, -8.8760, 93.8355



9.9530, -1.9488, 18.4582

Previews

White Background



This preview shows how the YUV color 138.3870, 9.1762, -96.8094 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 138.3870, 9.1762, -96.8094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

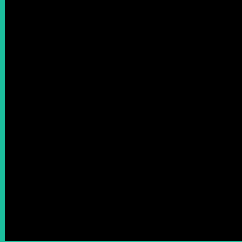
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

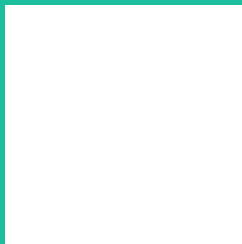
Any Text WCAG AAA ✓ Pass

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

YUV 138.3870, 9.1762, -96.8094 Background



This preview shows how black text looks on a background with the YUV color 138.3870, 9.1762, -96.8094.



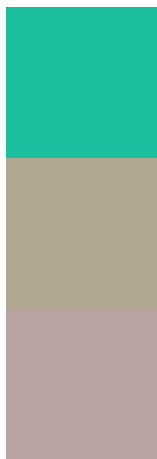
This preview shows how white text looks on a background with the YUV color 138.3870, 9.1762,

-96.8094.

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

138.3870, 9.1762, -96.8094

Protanopia

167.7700, -11.2256, 7.2177

Deuteranopia

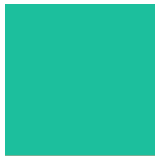
169.8770, -3.3904, 14.1399



Tritanopia

149.6340, 24.8304, -77.7320

Trichromacy



Original Color

138.3870, 9.1762, -96.8094



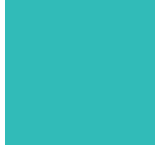
Protanomaly

156.7760, -3.8336, -30.4986



Deuteranomaly

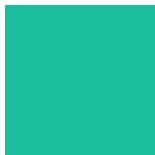
158.4760, 1.2443, -25.8505



Tritanomaly

145.3960, 19.0318, -84.5393

Monochromacy



Original Color

138.3870, 9.1762, -96.8094



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

137.9910, 3.4554, -35.0721

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.3870, 9.1762, -96.8094 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(28, 191, 157)` looks like.

```
.text, #text, p{  
    color:rgb(28, 191, 157)  
}
```

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(28, 191, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 191, 157) }
```

Border

The CSS property to change the border of an element to YUV 138.3870, 9.1762, -96.8094 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(28, 191, 157) }
```


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

```
.border{ border-color:rgb(28, 191, 157) }
```

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

Here you see how a box with a 4 pixel rgb(28, 191, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 191, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 191, 157);  
box-shadow:4px 4px 4px 4px rgb(28, 191,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 138.3870, 9.1762, -96.8094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 191, 157) }
```

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

```
.background{ background-color: rgb(28, 191,  
157) }
```

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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