

Converting Colors

YUV(138.8550, 2.5365,
-113.8828)

Have a look what the booklet for
YUV(138.8550, 2.5365, -113.8828)
contains.

YUV(138.8550, 2.5365, -113.8828)	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(138.8550, 2.5365,
-113.8828)**

Conversions

Conversions Part 1

Format	Color
Hex	09CC90
RGB	9, 204, 144
RGB Percent	4%, 80%, 56%
CMY	0.9647, 0.2000, 0.4353
CMYK	0.96, 0.00, 0.29, 0.20
HSL	162°, 92%, 42%
HSV	162°, 96%, 80%
XYZ	26.7396, 45.2574, 33.7118
YIQ	138.8550, -96.9600, -60.0000

Conversions

Conversions Part 2

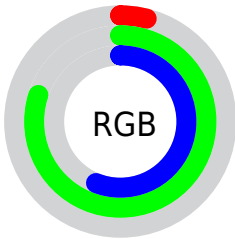
Format	Color
RYB	9, 124, 204
Decimal	642192
CIELab	73.06, -56.26, 18.25
CIELCh	73, 59.147, 162.026
Yxy	45.2574, 0.2530, 0.4281
Android (android.graphics.Color)	4278832272 (0xFF09CC90)
YUV	138.8550, 2.5365, -113.8828
Hunter-Lab	67.2736, -46.7796, 17.3805

Details

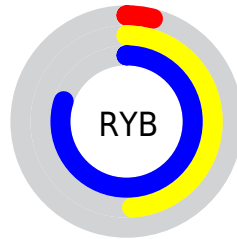
The YUV color **138.8550, 2.5365, -113.8828** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **74.1450, -2.5365, 113.8828**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.0540, -2.4916, -87.7474**, and **97.4780, -2.2077, -85.4882** is the 20% darker color. If you saturate the color by 10%, you get **135.8220, 2.5528, -119.1159**, and if you desaturate by 10%, it is **145.5190, 2.2091, -102.1872**.

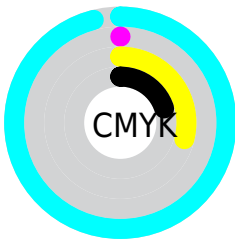
Distribution



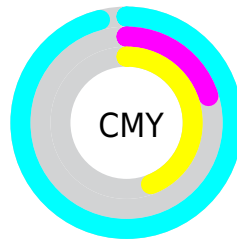
- Red (4%)
- Green (80%)
- Blue (56%)



- Red (4%)
- Yellow (49%)
- Blue (80%)



- Cyan (96%)
- Magenta (0%)
- Yellow (29%)
- Black (20%)



- Cyan (96%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.8550, 2.5365, -113.8828 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 138.8550, 2.5365, -113.8828 by changing the saturation by 10% instead.

■ 138.8550, 2.5365,
-113.8828

■ 138.8550, 2.5365,
-113.8828

■ 255.0000, 0.0000,
0.0000

■ 116.7640, 0.6093,
-102.4020

■ 203.0540, -2.4916,
-87.7474

■ 97.4780, -2.2077,
-85.4882

■ 216.1130, 4.8743,
-70.2591

■ 79.4800, -5.1666,
-69.7040

■ 228.6880, 12.9718,
-54.1004

■ 61.7100, -7.2520,
-54.1197

■ 237.9570, 8.4022,
-35.0423

■ 43.9400, -9.3374,
-38.5354

■ 246.9270, 3.9800,
-16.5990

■ 28.1760, -13.8908,
-24.7104

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 138.8550, 2.5365,
-113.8828

■ 138.8550, 2.5365,
-113.8828

■ 135.8220, 2.5528,
-119.1159

■ 145.5190, 2.2091,
-102.1872

■ 152.5960, 2.1712,
-89.9767

■ 159.2600, 1.8438,
-78.2810

■ 166.2230, 1.3691,
-65.9706

■ 172.8870, 1.0417,
-54.2749

■ 179.6650, 1.1512,
-42.6792

■ 186.6280, 0.6764,
-30.3688

■ 193.2920, 0.3490,
-18.6731

■ 200.2550, -0.1257,
-6.3626

Harmonies

Analogous

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



165.0400, -34.5297, -31.6071



138.8550, 2.5365, -113.8828



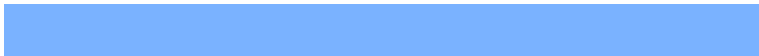
143.7220, 27.7451, -126.0442

Triad

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



138.8550, 2.5365, -113.8828



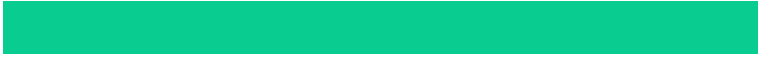
170.0340, 41.8882, -42.1258



173.1990, -31.6501, 71.7395

Complementary

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



138.8550, 2.5365, -113.8828



74.1450, -2.5365, 113.8828

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.



171.9690, -5.9007, 72.8182



138.8550, 2.5365, -113.8828



183.7310, 35.1356, 23.9149

Square

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



138.8550, 2.5365, -113.8828



142.9480, 55.2416, -125.3654



181.0600, 16.2394, 64.8454



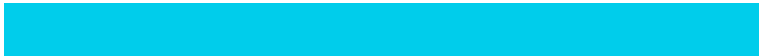
176.1540, -50.3619, 53.3619

Rectangle

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



138.8550, 2.5365, -113.8828



147.1250, 43.3224, -129.0286



181.0600, 16.2394, 64.8454



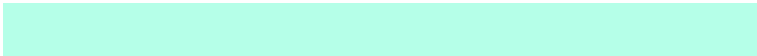
172.0880, -23.2144, 72.7138

Sweetspot

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



138.8550, 2.5365, -113.8828



230.2520, 0.8618, -43.1940



142.0030, -65.5705, -62.2696



112.9490, 0.5181, -26.2653



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.



138.8550, 2.5365, -113.8828



169.8630, 3.5185, -148.9699



124.5630, 39.1624, -101.3488



98.6680, 0.1637, -5.8478



110.5520, 2.1929, -96.9541



25.2700, 0.3599, -22.1618

Inverse Universe

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



74.1450, -2.5365, 113.8828



85.1370, -3.5185, 148.9699



88.4370, -39.1624, 101.3488



95.3320, -0.1637, 5.8478



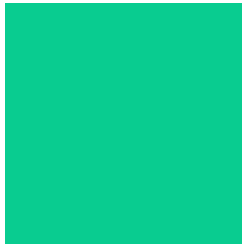
55.4480, -2.1929, 96.9541



12.7300, -0.3599, 22.1618

Previews

White Background



This preview shows how the YUV color 138.8550, 2.5365, -113.8828 looks on a white background.

Color Contrast Check

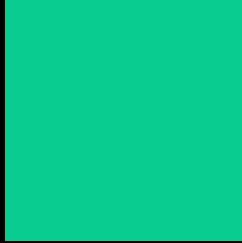
Large Text (above 18pt) WCAG AA × Fail

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 138.8550, 2.5365, -113.8828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

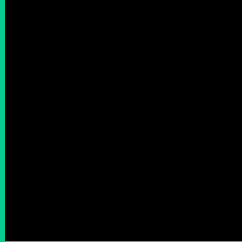
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 138.8550, 2.5365, -113.8828

Background



This preview shows how black text looks on a background with the YUV color 138.8550, 2.5365, -113.8828.

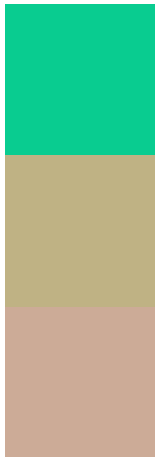


This preview shows how white text looks on a background with the YUV color 138.8550, 2.5365, -113.8828.

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

138.8550, 2.5365, -113.8828

Protanopia

176.6430, -22.0090, 12.5911

Deuteranopia

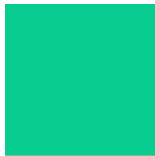
178.5870, -13.6004, 22.2872



Tritanopia

159.1500, 25.5620, -79.0616

Trichromacy



Original Color

138.8550, 2.5365, -113.8828



Protanomaly

162.6480, -13.1375, -33.0173



Deuteranomaly

164.0600, -7.9176, -27.2396



Tritanomaly

151.5970, 17.4537, -91.7316

Monochromacy



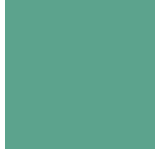
Original Color

138.8550, 2.5365, -113.8828



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

139.2630, 0.8563, -41.4497

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.8550, 2.5365, -113.8828 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(9, 204, 144)` looks like.

```
.text, #text, p{  
    color:rgb(9, 204, 144)  
}
```

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(9, 204, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 204, 144) }
```

Border

The CSS property to change the border of an element to YUV 138.8550, 2.5365, -113.8828 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(9, 204, 144) }
```


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

```
.border{ border-color:rgb(9, 204, 144) }
```

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

Here you see how a box with a 4 pixel rgb(9, 204, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 204, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 204, 144);  
box-shadow:4px 4px 4px 4px rgb(9, 204,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 138.8550, 2.5365, -113.8828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 204, 144) }
```

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

```
.background{ background-color: rgb(9, 204,  
144) }
```

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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