

Converting Colors

YUV(138.0550, -3.9711,
-79.8552)

Have a look what the booklet for
YUV(138.0550, -3.9711, -79.8552)
contains.

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Color

**YUV(138.0550, -3.9711,
-79.8552)**

Conversions

Conversions Part 1

Format	Color
Hex	2FBA82
RGB	47, 186, 130
RGB Percent	18%, 73%, 51%
CMY	0.8157, 0.2706, 0.4902
CMYK	0.75, 0.00, 0.30, 0.27
HSL	156°, 60%, 46%
HSV	156°, 75%, 73%
XYZ	22.7605, 37.3339, 27.1256
YIQ	138.0550, -64.8680, -46.8840

Conversions

Conversions Part 2

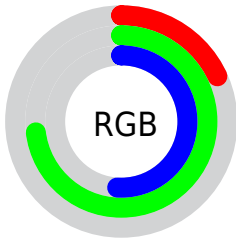
Format	Color
RYB	47, 134, 186
Decimal	3127938
CIELab	67.53, -49.54, 18.17
CIELCh	68, 52.763, 159.861
Yxy	37.3339, 0.2610, 0.4280
Android (android.graphics.Color)	4281318018 (0xFF2FBA82)
YUV	138.0550, -3.9711, -79.8552
Hunter-Lab	61.1014, -40.4358, 16.4495

Details

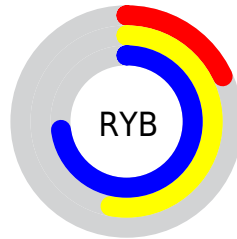
The YUV color **138.0550, -3.9711, -79.8552** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **94.9450, 3.9711, 79.8552**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.2900, -7.0450, -73.9223**, and **86.6040, -3.2558, -75.9517** is the 20% darker color. If you saturate the color by 10%, you get **131.5760, -4.2280, -90.8362**, and if you desaturate by 10%, it is **144.5340, -3.7143, -68.8743**.

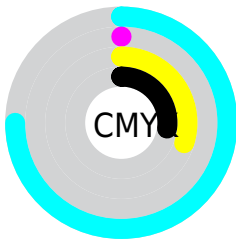
Distribution



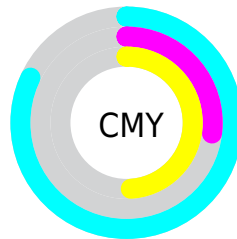
- Red (18%)
- Green (73%)
- Blue (51%)



- Red (18%)
- Yellow (53%)
- Blue (73%)



- Cyan (75%)
- Magenta (0%)
- Yellow (30%)
- Black (27%)



- Cyan (82%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.0550, -3.9711, -79.8552 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 138.0550, -3.9711, -79.8552 by changing the saturation by 10% instead.


 138.0550, -3.9711,
-79.8552

 138.0550, -3.9711,
-79.8552


255.0000, 0.0000,
0.0000

 104.7160, 0.1400,
-91.8359


 197.2900, -7.0450,
-73.9223

 86.6040, -3.2558,
-75.9517


 216.4960, -2.7095,
-64.4560


 68.7200, -5.7780,
-60.2674


 228.6580, 5.0986,
-48.8121

 50.9500, -7.8633,
-44.6831

 239.4520, 7.6652,
-31.9684

 34.4680, -10.0907,
-30.2284

 248.4220, 3.2430,
-13.5251

 19.9580, -9.8393,
-17.5032

 0.0000, 0.0000,

0.0000

■ 138.0550, -3.9711,
-79.8552

■ 138.0550, -3.9711,
-79.8552

■ 131.5760, -4.2280,
-90.8362

■ 144.5340, -3.7143,
-68.8743

■ 125.2820, -5.0690,
-101.1023

■ 150.8280, -2.8732,
-58.6082

■ 121.8360, -5.3421,
-106.8502

■ 157.3070, -2.6164,
-47.6272

■ 163.6010, -1.7753,
-37.3611

■ 170.0800, -1.5184,
-26.3802

■ 176.6730, -0.8248,
-15.4992

■ 182.8530, -0.4205,
-5.1331

■ 189.4460, 0.2731,
5.7479

■ 195.6260, 0.6774,
16.1140

Harmonies

Analogous

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



152.4800, -31.7886, -24.1000



138.0550, -3.9711, -79.8552



130.7620, 23.7813, -114.6783

Triad

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



138.0550, -3.9711, -79.8552



157.9290, 47.8560, -42.9107



163.7090, -28.4505, 72.1692

Complementary

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



138.0550, -3.9711, -79.8552



94.9450, 3.9711, 79.8552

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.



165.0620, -6.9326, 77.1216



138.0550, -3.9711, -79.8552



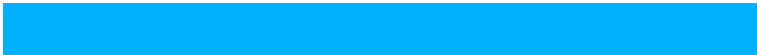
169.0460, 33.9943, 16.6227

Square

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



138.0550, -3.9711, -79.8552



133.3280, 58.9983, -116.9287



168.5600, 14.5139, 58.2679



161.6680, -43.2203, 49.4032

Rectangle

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



138.0550, -3.9711, -79.8552



133.7090, 37.6115, -117.2628



168.5600, 14.5139, 58.2679



163.8650, -21.6254, 76.4174

Sweetspot

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



138.0550, -3.9711, -79.8552



223.7590, -1.3602, -30.4836



145.9350, -48.7750, -35.9000



111.3630, -0.6720, -17.8584



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



138.0550, -3.9711, -79.8552



166.7860, -6.3035, -125.2233



137.3950, 23.9623, -79.2764



88.8530, -0.4205, -5.1331



102.1740, -4.5228, -89.6066



18.3740, -0.6774, -16.1140

Inverse Universe

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



94.9450, 3.9711, 79.8552



99.2140, 6.3035, 125.2233



95.6050, -23.9623, 79.2764



86.0330, -0.0163, 5.2331



53.8260, 4.5228, 89.6066



9.6260, 0.6774, 16.1140

Previews

White Background



This preview shows how the YUV color 138.0550, -3.9711, -79.8552 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 138.0550, -3.9711, -79.8552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

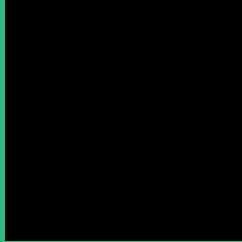
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 138.0550, -3.9711, -79.8552

Background



This preview shows how black text looks on a background with the YUV color 138.0550, -3.9711, -79.8552.



This preview shows how white text looks on a background with the YUV color 138.0550, -3.9711, -79.8552.

-79.8552.

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

138.0550, -3.9711, -79.8552

Protanopia

161.6860, -20.5512, 11.6764

Deuteranopia

163.8750, -13.7424, 21.1576



Tritanopia

149.0980, 21.1507, -64.1069

Trichromacy



Original Color

138.0550, -3.9711, -79.8552



Protanomaly

152.7850, -14.1910, -21.7364



Deuteranomaly

154.8550, -10.2815, -15.6588



Tritanomaly

144.9480, 11.8576, -70.1144

Monochromacy



Original Color

138.0550, -3.9711, -79.8552



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

137.7700, -1.3656, -28.7393

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.0550, -3.9711, -79.8552 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(47, 186, 130)` looks like.

```
.text, #text, p{  
    color:rgb(47, 186, 130)  
}
```

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(47, 186, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 186, 130) }
```

Border

The CSS property to change the border of an element to YUV 138.0550, -3.9711, -79.8552 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(47, 186, 130) }
```


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

```
.border{ border-color:rgb(47, 186, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 186, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 186, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 186, 130);  
box-shadow:4px 4px 4px 4px rgb(47, 186,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 138.0550, -3.9711, -79.8552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 186, 130) }
```

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

```
.background{ background-color: rgb(47, 186,  
130) }
```

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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