

Converting Colors

YUV(138.2030, -8.4811,
-79.9850)

Have a look what the booklet for
YUV(138.2030, -8.4811, -79.9850)
contains.

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Color

**YUV(138.2030, -8.4811,
-79.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	2FBC79
RGB	47, 188, 121
RGB Percent	18%, 74%, 47%
CMY	0.8157, 0.2627, 0.5255
CMYK	0.75, 0.00, 0.36, 0.26
HSL	151°, 60%, 46%
HSV	151°, 75%, 74%
XYZ	22.6067, 37.9513, 24.2230
YIQ	138.2030, -62.5290, -50.7290

Conversions

Conversions Part 2

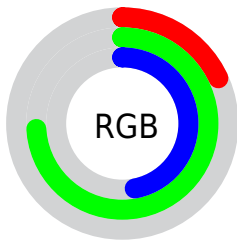
Format	Color
RYB	47, 139, 188
Decimal	3128441
CIELab	67.98, -52.21, 23.62
CIElCh	68, 57.304, 155.663
Yxy	37.9513, 0.2666, 0.4476
Android (android.graphics.Color)	4281318521 (0xFF2FBC79)
YUV	138.2030, -8.4811, -79.9850
Hunter-Lab	61.6046, -42.3049, 19.8103

Details

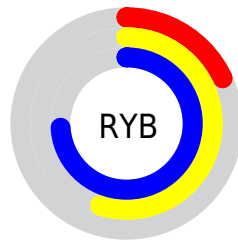
The YUV color **138.2030, -8.4811, -79.9850** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **96.7970, 8.4811, 79.9850**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.7370, -11.7023, -73.4373**, and **86.2790, -7.0395, -75.6667** is the 20% darker color. If you saturate the color by 10%, you get **131.4960, -9.6115, -90.7660**, and if you desaturate by 10%, it is **144.9100, -7.3506, -69.2041**.

Distribution



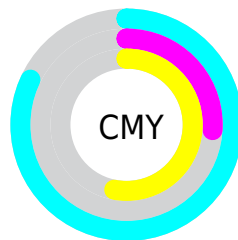
- Red (18%)
- Green (74%)
- Blue (47%)



- Red (18%)
- Yellow (55%)
- Blue (74%)



- Cyan (75%)
- Magenta (0%)
- Yellow (36%)
- Black (26%)





- Cyan (82%)
- Magenta (26%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.2030, -8.4811, -79.9850 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 138.2030, -8.4811, -79.9850 by changing the saturation by 10% instead.


 138.2030, -8.4811,
-79.9850

 138.2030, -8.4811,
-79.9850


255.0000, 0.0000,
0.0000

 104.8640, -4.3700,
-91.9657


 197.7370,
-11.7023, -73.4373

 86.2790, -7.0395,
-75.6667


 215.6550, -7.2249,
-62.8414


 68.3950, -9.5617,
-59.9824


 227.6320, 1.1674,
-47.9123

 51.0980, -12.3733,
-44.8129

 239.4520, 7.6652,
-31.9684

 33.6870, -15.6217,
-29.5435

 248.4220, 3.2430,
-13.5251

 20.5450, -10.1287,
-18.0180

 0.0000, 0.0000,

0.0000

■ 138.2030, -8.4811,
-79.9850

■ 138.2030, -8.4811,
-79.9850

■ 131.4960, -9.6115,
-90.7660

■ 144.9100, -7.3506,
-69.2041

■ 124.7890,
-10.7420, -101.5470

■ 151.6170, -6.2202,
-58.4231

■ 121.6420,
-11.1625, -106.6800

■ 158.0250, -4.9423,
-48.2569

■ 164.7320, -3.8119,
-37.4760

■ 171.4390, -2.6814,
-26.6950

■ 178.1460, -1.5510,
-15.9140

■ 184.8530, -0.4205,
-5.1331

■ 191.1470, 0.4205,
5.1331

■ 197.8540, 1.5510,
15.9140

Harmonies

Analogous

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



153.6070, -37.7673, -19.8263



138.2030, -8.4811, -79.9850



131.9530, 20.7292, -115.7228

Triad

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



138.2030, -8.4811, -79.9850



151.9050, 50.8258, -62.1837



163.6930, -27.4566, 80.0762

Complementary

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



138.2030, -8.4811, -79.9850



96.7970, 8.4811, 79.9850

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.



164.1100, -3.0122, 79.7105



138.2030, -8.4811, -79.9850



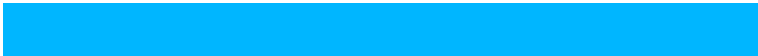
169.4950, 39.6890, 10.0899

Square

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



138.2030, -8.4811, -79.9850



135.9040, 58.7143, -119.1878



169.8250, 19.3133, 58.9125



162.4410, -45.5734, 57.4952

Rectangle

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



138.2030, -8.4811, -79.9850



135.9430, 36.0171, -119.2220



169.8250, 19.3133, 58.9125



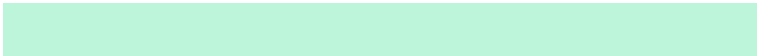
163.1690, -19.3103, 80.5358

Sweetspot

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



138.2030, -8.4811, -79.9850



224.8790, -3.3913, -32.3429



150.0990, -50.8278, -30.7818



110.0100, -1.9769, -19.3028



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.



138.2030, -8.4811, -79.9850



166.9510, -13.2868, -125.3680



144.6670, 21.3632, -85.6540



90.8530, -0.4205, -5.1331



102.2080, -9.4695, -89.6364



20.0210, -1.9824, -17.5584

Inverse Universe

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



96.7970, 8.4811, 79.9850



102.0490, 13.2868, 125.3680



90.3330, -21.3632, 85.6540



88.1470, 0.4205, 5.1331



55.7920, 9.4695, 89.6364



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 138.2030, -8.4811, -79.9850 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 138.2030, -8.4811, -79.9850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

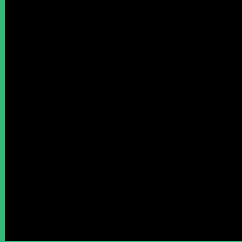
Any Text WCAG AA ✓ Pass

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 138.2030, -8.4811, -79.9850 Background



This preview shows how black text looks on a background with the YUV color 138.2030, -8.4811, -79.9850.



This preview shows how white text looks on a background with the YUV color 138.2030, -8.4811, -79.9850.

-79.9850.

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

138.2030, -8.4811, -79.9850

Protanopia

162.1440, -25.2140, 13.9057

Deuteranopia

164.7460, -18.1158, 23.9018



Tritanopia

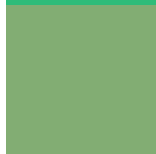
150.8100, 21.2927, -62.9774

Trichromacy



Original Color

138.2030, -8.4811, -79.9850



Protanomaly

153.5310, -18.9958, -20.6367



Deuteranomaly

155.0140, -14.7969, -14.0443



Tritanomaly

145.9050, 10.3998, -69.1997

Monochromacy



Original Color

138.2030, -8.4811, -79.9850



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

138.0150, -2.9654, -28.9542

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.2030, -8.4811, -79.9850 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, 188, 121)` looks like.

```
.text, #text, p{  
    color:rgb(47, 188, 121)  
}
```

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, 188, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 188, 121) }
```

Border

The CSS property to change the border of an element to YUV 138.2030, -8.4811, -79.9850 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, 188, 121) }
```


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

```
.border{ border-color:rgb(47, 188, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 188, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 188, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 188, 121);  
box-shadow:4px 4px 4px 4px rgb(47, 188,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 138.2030, -8.4811, -79.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 188, 121) }
```

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

```
.background{ background-color: rgb(47, 188,  
121) }
```

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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