

Converting Colors

YUV(168.6530, 18.9051,
-137.3847)

Have a look what the booklet for
YUV(168.6530, 18.9051, -137.3847)
contains.

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Color

**YUV(168.6530, 18.9051,
-137.3847)**

Conversions

Conversions Part 1

Format	Color
Hex	0CF1CF
RGB	12, 241, 207
RGB Percent	5%, 95%, 81%
CMY	0.9529, 0.0549, 0.1882
CMYK	0.95, 0.00, 0.14, 0.05
HSL	171°, 91%, 50%
HSV	171°, 95%, 95%
XYZ	42.8694, 67.4938, 69.7996
YIQ	168.6530, -125.5700, -59.1220

Conversions

Conversions Part 2

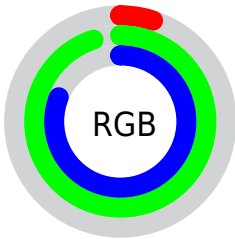
Format	Color
R_{YB}	12, 136, 241
Decimal	848335
CIE _{Lab}	85.75, -55.14, 2.99
CIE _{LCh}	86, 55.222, 176.900
Yxy	67.4938, 0.2379, 0.3746
Android (android.graphics.Color)	4279038415 (0xFF0CF1CF)
YUV	168.6530, 18.9051, -137.3847
Hunter-Lab	82.1546, -50.6267, 7.1346

Details

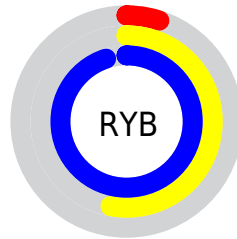
The YUV color **168.6530, 18.9051, -137.3847** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **84.3470, -18.9051, 137.3847**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4390, 20.4896, -85.4540**, and **125.4500, 13.5822, -110.0196** is the 20% darker color. If you saturate the color by 10%, you get **164.8370, 19.8004, -144.5620**, and if you desaturate by 10%, it is **176.2850, 17.1145, -123.0299**.

Distribution



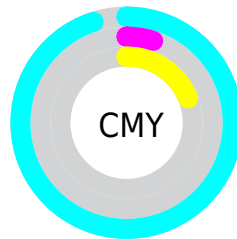
- Red (5%)
- Green (95%)
- Blue (81%)



- Red (5%)
- Yellow (53%)
- Blue (95%)



- Cyan (95%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (95%)
- Magenta (5%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6530, 18.9051, -137.3847 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 168.6530, 18.9051, -137.3847 by changing the saturation by 10% instead.

168.6530, 18.9051,
-137.3847

168.6530, 18.9051,
-137.3847

255.0000, 0.0000,
0.0000

144.9640, 17.2727,
-127.1334

213.4390, 20.4896,
-85.4540

125.4500, 13.5822,
-110.0196

223.6050, 15.4777,
-64.5516

106.0500, 10.3284,
-93.0058

233.4720, 10.6133,
-44.2639

87.3510, 7.2220,
-76.6068

243.0400, 5.8963,
-24.5911

69.3530, 4.2630,
-60.8226

252.6080, 1.1793,
-4.9182

51.4690, 1.7408,
-45.1383

34.9870, -0.4866,

-30.6836

■ 18.3910, -3.1508,
-16.1289

■ 0.0000, 0.0000,
0.0000

■ 168.6530, 18.9051,
-137.3847

■ 168.6530, 18.9051,
-137.3847

■ 164.8370, 19.8004,
-144.5620

■ 176.2850, 17.1145,
-123.0299

■ 183.8030, 14.8871,
-108.5752

■ 191.4350, 13.0965,
-94.2205

■ 198.9530, 10.8692,
-79.7658

■ 206.5850, 9.0786,
-65.4110

■ 214.4020, 6.7038,
-50.3416

■ 222.0340, 4.9132,
-35.9868

■ 229.6660, 3.1227,
-21.6321

■ 237.1840, 0.8953,
-7.1774

Harmonies

Analogous

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



196.5670, -20.4925, -53.9943



168.6530, 18.9051, -137.3847



170.5370, 41.6403, -149.5609

Triad

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



168.6530, 18.9051, -137.3847



211.0210, 21.6816, -0.8954



202.9540, -36.9523, 45.6443

Complementary

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



168.6530, 18.9051, -137.3847



84.3470, -18.9051, 137.3847

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.



198.3500, -13.9765, 49.6821



168.6530, 18.9051, -137.3847



212.7360, 20.8362, 37.0655

Square

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



168.6530, 18.9051, -137.3847



192.8830, 30.6237, -69.1804



202.5170, 9.6051, 46.0276



210.6310, -50.5971, 35.4036

Rectangle

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



168.6530, 18.9051, -137.3847



168.1890, 42.7978, -147.5018



202.5170, 9.6051, 46.0276



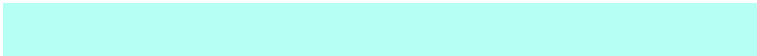
200.8000, -29.9744, 47.5334

Sweetspot

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



168.6530, 18.9051, -137.3847



231.6200, 6.1033, -44.3937



156.5890, -71.2824, -96.9866



113.7470, 3.5757, -26.9651



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.



168.6530, 18.9051, -137.3847



174.4230, 20.9905, -152.9690



125.5690, 56.9075, -99.6000



116.1840, 0.8953, -7.1774



125.7920, 14.8925, -110.3196



38.3440, 4.7604, -33.6277

Inverse Universe

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



84.3470, -18.9051, 137.3847



80.5770, -20.9905, 152.9690



127.4310, -56.9075, 99.6000



111.8160, -0.8953, 7.1774



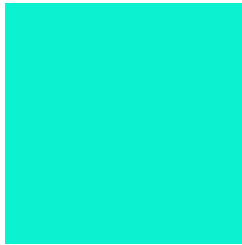
58.0940, -15.3293, 110.4196



17.6560, -4.7604, 33.6277

Previews

White Background



This preview shows how the YUV color 168.6530, 18.9051, -137.3847 looks on a white background.

Color Contrast Check

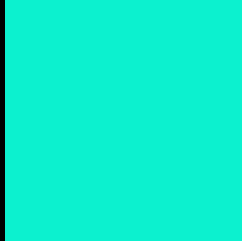
Large Text (above 18pt) WCAG AA × Fail

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 168.6530, 18.9051, -137.3847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

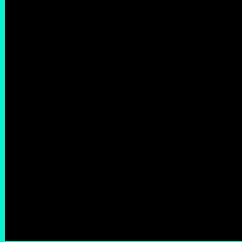
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

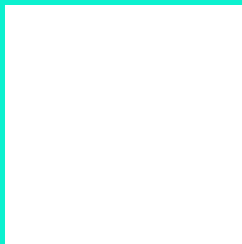
Any Text WCAG AAA ✓ Pass

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

YUV 168.6530, 18.9051, -137.3847 Background



This preview shows how black text looks on a background with the YUV color 168.6530, 18.9051, -137.3847.

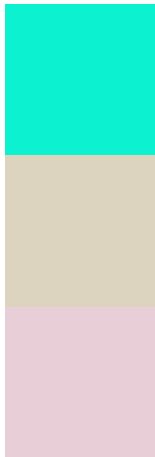


This preview shows how white text looks on a background with the YUV color 168.6530, 18.9051, -137.3847.

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

168.6530, 18.9051, -137.3847

Protanopia

212.2970, -10.4994, 7.6325

Deuteranopia

214.8000, 0.0986, 15.0844



Tritanopia

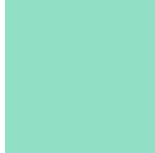
186.2330, 32.9161, -104.5673

Trichromacy



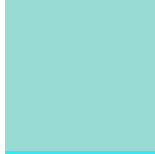
Original Color

168.6530, 18.9051, -137.3847



Protanomaly

196.7140, 0.1410, -45.3532



Deuteranomaly

198.1690, 6.8187, -40.4902



Tritanomaly

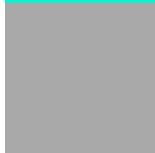
180.0760, 27.5705, -116.7077

Monochromacy



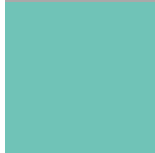
Original Color

168.6530, 18.9051, -137.3847



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.8150, 6.9932, -49.8268

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6530, 18.9051, -137.3847 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(12, 241, 207)` looks like.

```
.text, #text, p{  
    color:rgb(12, 241, 207)  
}
```

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(12, 241, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 241, 207) }
```

Border

The CSS property to change the border of an element to YUV 168.6530, 18.9051, -137.3847 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(12, 241, 207) }
```


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

```
.border{ border-color:rgb(12, 241, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 241, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 241, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 241, 207);  
box-shadow:4px 4px 4px 4px rgb(12, 241,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 168.6530, 18.9051, -137.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 241, 207) }
```

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

```
.background{ background-color: rgb(12, 241,  
207) }
```

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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