

Converting Colors

YUV(168.8550, 15.8475,
-136.6848)

Have a look what the booklet for
YUV(168.8550, 15.8475, -136.6848)
contains.

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Color

**YUV(168.8550, 15.8475,
-136.6848)**

Conversions

Conversions Part 1

Format	Color
Hex	0DF2C9
RGB	13, 242, 201
RGB Percent	5%, 95%, 79%
CMY	0.9490, 0.0510, 0.2118
CMYK	0.95, 0.00, 0.17, 0.05
HSL	169°, 90%, 50%
HSV	169°, 95%, 95%
XYZ	42.4607, 67.8069, 66.1085
YIQ	168.8550, -123.3230, -61.2990

Conversions

Conversions Part 2

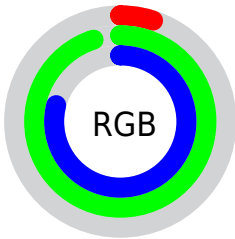
Format	Color
RYB	13, 139, 242
Decimal	914121
CIELab	85.91, -57.04, 6.35
CIELCh	86, 57.393, 173.645
Yxy	67.8069, 0.2407, 0.3844
Android (android.graphics.Color)	4279104201 (0xFF0DF2C9)
YUV	168.8550, 15.8475, -136.6848
Hunter-Lab	82.3449, -52.0610, 10.0420

Details

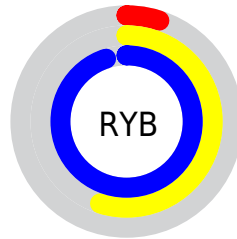
The YUV color **168.8550, 15.8475, -136.6848** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **86.1450, -15.8475, 136.6848**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4390, 20.4896, -85.4540**, and **125.3530, 10.6720, -109.9346** is the 20% darker color. If you saturate the color by 10%, you get **164.7400, 16.8902, -144.4770**, and if you desaturate by 10%, it is **176.4870, 14.0569, -122.3301**.

Distribution



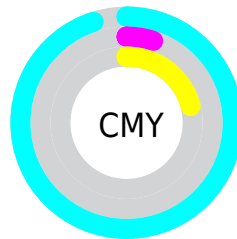
- Red (5%)
- Green (95%)
- Blue (79%)



- Red (5%)
- Yellow (55%)
- Blue (95%)



- Cyan (95%)
- Magenta (0%)
- Yellow (17%)
- Black (5%)



- Cyan (95%)
- Magenta (5%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.8550, 15.8475, -136.6848 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 168.8550, 15.8475, -136.6848 by changing the saturation by 10% instead.

168.8550, 15.8475,
-136.6848

168.8550, 15.8475,
-136.6848

255.0000, 0.0000,
0.0000

144.8670, 14.3626,
-127.0484

213.4390, 20.4896,
-85.4540

125.3530, 10.6720,
-109.9346

223.6050, 15.4777,
-64.5516

105.9530, 7.4182,
-92.9208

233.4720, 10.6133,
-44.2639

87.3680, 4.7486,
-76.6217

243.0400, 5.8963,
-24.5911

69.3700, 1.7896,
-60.8375

252.6080, 1.1793,
-4.9182

51.4860, -0.7326,
-45.1532

35.0040, -2.9600,

-30.6985

■ 17.5930, -6.2083,
-15.4291

■ 0.0000, 0.0000,
0.0000

■ 168.8550, 15.8475,
-136.6848

■ 168.8550, 15.8475,
-136.6848

■ 164.7400, 16.8902,
-144.4770

■ 176.4870, 14.0569,
-122.3301

■ 184.2330, 12.7031,
-108.0753

■ 192.1640, 10.7651,
-93.1058

■ 199.7960, 8.9746,
-78.7511

■ 207.5420, 7.6208,
-64.4963

■ 215.1740, 5.8302,
-50.1416

■ 222.8060, 4.0396,
-35.7869

■ 230.8510, 2.5385,
-20.9173

■ 238.4830, 0.7479,
-6.5626

Harmonies

Analogous

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



197.2640, -24.2872, -50.2205



168.8550, 15.8475, -136.6848



171.1240, 41.3509, -150.0757

Triad

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



168.8550, 15.8475, -136.6848



209.5040, 22.4295, -7.4580



201.3070, -35.6474, 47.0888

Complementary

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



168.8550, 15.8475, -136.6848



86.1450, -15.8475, 136.6848

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.



197.6320, -11.6506, 50.3117



168.8550, 15.8475, -136.6848



213.3230, 20.5468, 36.5507

Square

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



168.8550, 15.8475, -136.6848



187.4680, 33.2933, -85.4794



202.7280, 12.9521, 45.8425



210.1970, -52.3551, 39.2922

Rectangle

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



168.8550, 15.8475, -136.6848



169.3630, 42.2190, -148.5314



202.7280, 12.9521, 45.8425



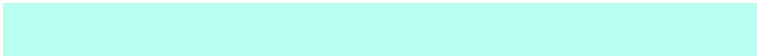
199.2670, -28.2326, 48.8778

Sweetspot

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



168.8550, 15.8475, -136.6848



232.2890, 4.7875, -42.3495



159.9810, -72.4616, -92.0683



113.9320, 2.9915, -26.2504



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.



168.8550, 15.8475, -136.6848



173.5110, 17.4961, -152.1691



130.6780, 54.8817, -103.2036



116.1840, 0.8953, -7.1774



125.2220, 12.7086, -109.8197



38.1160, 3.8868, -33.4277

Inverse Universe

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



86.1450, -15.8475, 136.6848



81.4890, -17.4961, 152.1691



124.3220, -54.8817, 103.2036



111.8160, -0.8953, 7.1774



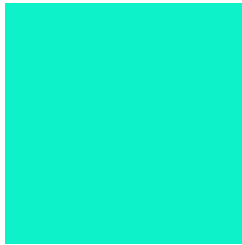
58.7780, -12.7086, 109.8197



17.8840, -3.8868, 33.4277

Previews

White Background



This preview shows how the YUV color 168.8550, 15.8475, -136.6848 looks on a white background.

Color Contrast Check

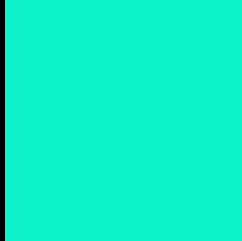
Large Text (above 18pt) WCAG AA × Fail

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 168.8550, 15.8475, -136.6848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

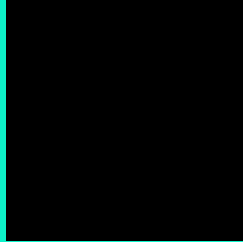
Any Text WCAG AA ✓ Pass

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 168.8550, 15.8475, -136.6848 Background



This preview shows how black text looks on a background with the YUV color 168.8550, 15.8475, -136.6848.



This preview shows how white text looks on a background with the YUV color 168.8550, 15.8475, -136.6848.

-136.6848.

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

168.8550, 15.8475, -136.6848

Protanopia

212.2110, -13.4150, 9.4620

Deuteranopia

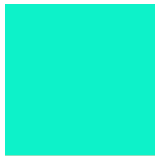
215.0130, -2.9644, 17.5286



Tritanopia

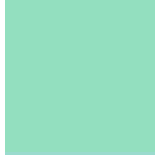
188.1300, 32.4739, -102.7230

Trichromacy



Original Color

168.8550, 15.8475, -136.6848



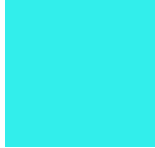
Protanomaly

196.6280, -2.7746, -43.5238



Deuteranomaly

198.0830, 3.9031, -38.6608



Tritanomaly

181.4460, 26.4021, -115.2781

Monochromacy



Original Color

168.8550, 15.8475, -136.6848



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.1740, 5.8302, -50.1416

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8550, 15.8475, -136.6848 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(13, 242, 201)` looks like.

```
.text, #text, p{  
    color:rgb(13, 242, 201)  
}
```

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(13, 242, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 242, 201) }
```

Border

The CSS property to change the border of an element to YUV 168.8550, 15.8475, -136.6848 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(13, 242, 201) }
```


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

```
.border{ border-color:rgb(13, 242, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 242, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 242, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 242, 201);  
box-shadow:4px 4px 4px 4px rgb(13, 242,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 168.8550, 15.8475, -136.6848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 242, 201) }
```

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

```
.background{ background-color: rgb(13, 242,  
201) }
```

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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