

Converting Colors

YUV(169.6850, 3.6063,
-130.3967)

Have a look what the booklet for
YUV(169.6850, 3.6063, -130.3967)
contains.

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Color

**YUV(169.6850, 3.6063,
-130.3967)**

Conversions

Conversions Part 1

Format	Color
Hex	15F4B1
RGB	21, 244, 177
RGB Percent	8%, 96%, 69%
CMY	0.9176, 0.0431, 0.3059
CMYK	0.91, 0.00, 0.27, 0.04
HSL	162°, 91%, 52%
HSV	162°, 91%, 96%
XYZ	40.5958, 68.0351, 52.5874
YIQ	169.6850, -111.4010, -68.1130

Conversions

Conversions Part 2

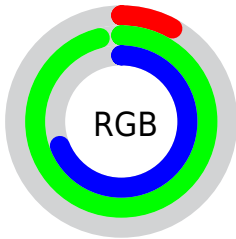
Format	Color
RYB	21, 152, 244
Decimal	1438897
CIELab	86.02, -63.21, 18.99
CIELCh	86, 66.003, 163.282
Yxy	68.0351, 0.2518, 0.4220
Android (android.graphics.Color)	4279628977 (0xFF15F4B1)
YUV	169.6850, 3.6063, -130.3967
Hunter-Lab	82.4834, -56.4938, 19.9379

Details

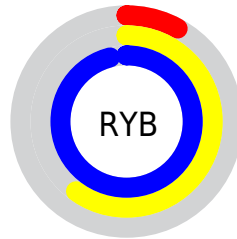
The YUV color **169.6850, 3.6063, -130.3967** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **95.3150, -3.6063, 130.3967**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.2300, 10.7326, -82.6397**, and **123.3180, 0.3362, -108.1499** is the 20% darker color. If you saturate the color by 10%, you get **162.7220, 4.0811, -142.7072**, and if you desaturate by 10%, it is **177.6590, 3.1261, -116.3419**.

Distribution



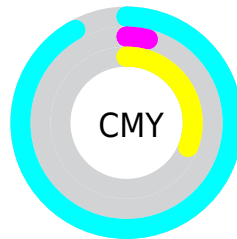
- Red (8%)
- Green (96%)
- Blue (69%)



- Red (8%)
- Yellow (60%)
- Blue (96%)



- Cyan (91%)
- Magenta (0%)
- Yellow (27%)
- Black (4%)



- Cyan (92%)
- Magenta (4%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.6850, 3.6063, -130.3967 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 169.6850, 3.6063, -130.3967 by changing the saturation by 10% instead.

169.6850, 3.6063,
-130.3967

169.6850, 3.6063,
-130.3967

255.0000, 0.0000,
0.0000

143.3050, 3.3006,
-125.6785

211.2300, 10.7326,
-82.6397

123.3180, 0.3362,
-108.1499

223.6050, 15.4777,
-64.5516

104.0320, -2.4808,
-91.2361

233.4720, 10.6133,
-44.2639

85.4470, -5.1504,
-74.9370

243.0400, 5.8963,
-24.5911

67.5630, -7.6726,
-59.2528

252.6080, 1.1793,
-4.9182

49.7930, -9.7579,
-43.6685

33.0830, -12.8589,

-29.0138

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 169.6850, 3.6063,
-130.3967

■ 169.6850, 3.6063,
-130.3967

■ 162.7220, 4.0811,
-142.7072

■ 177.6590, 3.1261,
-116.3419

■ 186.0460, 2.9353,
-101.7723

■ 194.0200, 2.4551,
-87.7175

■ 202.2930, 1.8276,
-73.0480

■ 210.3810, 1.7842,
-59.0931

■ 218.3550, 1.3040,
-45.0383

■ 226.6280, 0.6764,
-30.3688

■ 234.7160, 0.6330,
-16.4139

■ 242.9890, 0.0054,
-1.7444

Harmonies

Analogous

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



198.2580, -38.5812, -38.8143



169.6850, 3.6063, -130.3967



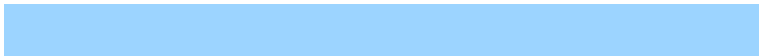
171.9900, 34.5149, -150.8352

Triad

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



169.6850, 3.6063, -130.3967



200.1580, 27.0371, -38.7266



194.6050, -30.8643, 52.9664

Complementary

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



169.6850, 3.6063, -130.3967



95.3150, -3.6063, 130.3967

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.



192.4120, -1.1891, 54.8897



169.6850, 3.6063, -130.3967



215.0840, 19.6786, 35.0063

Square

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



169.6850, 3.6063, -130.3967



165.2540, 44.2448, -144.9278



202.5290, 24.8822, 46.0171



203.5460, -54.9922, 45.1252

Rectangle

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



169.6850, 3.6063, -130.3967



172.8850, 40.4827, -151.6201



202.5290, 24.8822, 46.0171



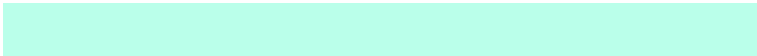
192.5480, -20.9762, 54.7704

Sweetspot

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



169.6850, 3.6063, -130.3967



231.9750, 0.9983, -40.3201



173.1300, -75.0001, -71.1510



114.2590, 0.3653, -23.9061



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.



169.6850, 3.6063, -130.3967



169.9770, 3.9553, -149.0698



153.2560, 44.7368, -115.9885



118.0700, 0.4585, -7.0774



124.0020, 2.9570, -108.7498



39.3070, 0.8346, -34.4722

Inverse Universe

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



95.3150, -3.6063, 130.3967



85.0230, -3.9553, 149.0698



111.7440, -44.7368, 115.9885



114.0440, -0.0217, 6.9774



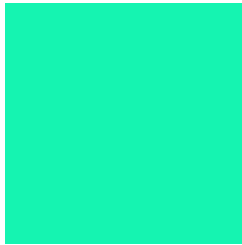
61.9980, -2.9570, 108.7498



19.6930, -0.8346, 34.4722

Previews

White Background



This preview shows how the YUV color 169.6850, 3.6063, -130.3967 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 169.6850, 3.6063, -130.3967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

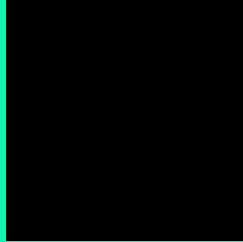
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.6850, 3.6063, -130.3967

Background



This preview shows how black text looks on a background with the YUV color 169.6850, 3.6063, -130.3967.



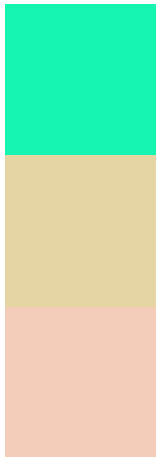
This preview shows how white text looks on a background with the YUV color 169.6850, 3.6063, -130.3967.

-130.3967.

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

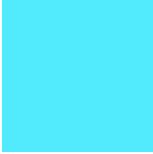
169.6850, 3.6063, -130.3967

Protanopia

211.6710, -24.4878, 14.3205

Deuteranopia

214.4950, -14.0480, 25.8759



Tritanopia

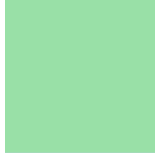
190.7180, 30.7050, -95.3457

Trichromacy



Original Color

169.6850, 3.6063, -130.3967



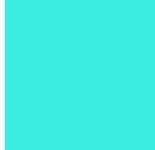
Protanomaly

196.2730, -14.4316, -37.9504



Deuteranomaly

198.1520, -7.4699, -30.8283



Tritanomaly

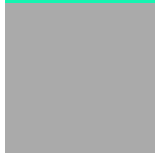
183.2960, 20.5601, -108.1306

Monochromacy



Original Color

169.6850, 3.6063, -130.3967



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.0450, 1.4568, -47.3975

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.6850, 3.6063, -130.3967 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(21, 244, 177)` looks like.

```
.text, #text, p{  
    color:rgb(21, 244, 177)  
}
```

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(21, 244, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 244, 177) }
```

Border

The CSS property to change the border of an element to YUV 169.6850, 3.6063, -130.3967 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(21, 244, 177) }
```


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

```
.border{ border-color:rgb(21, 244, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 244, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 244, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 244, 177);  
box-shadow:4px 4px 4px 4px rgb(21, 244,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 169.6850, 3.6063, -130.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 244, 177) }
```

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

```
.background{ background-color: rgb(21, 244,  
177) }
```

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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