

Converting Colors

YUV(167.8070, 15.3781,
-126.1187)

Have a look what the booklet for
YUV(167.8070, 15.3781, -126.1187)
contains.

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Color

**YUV(167.8070, 15.3781,
-126.1187)**

Conversions

Conversions Part 1

Format	Color
Hex	18EBC7
RGB	24, 235, 199
RGB Percent	9%, 92%, 78%
CMY	0.9059, 0.0784, 0.2196
CMYK	0.90, 0.00, 0.15, 0.08
HSL	170°, 84%, 51%
HSV	170°, 90%, 92%
XYZ	40.3938, 63.7344, 64.2058
YIQ	167.8070, -114.2000, -55.9280

Conversions

Conversions Part 2

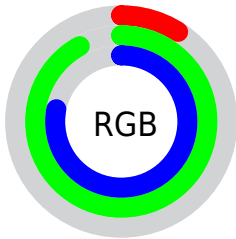
Format	Color
R_{YB}	24, 139, 235
Decimal	1633223
CIE _{Lab}	83.83, -54.37, 4.40
CIE _{LCh}	84, 54.548, 175.371
Y _{xy}	63.7344, 0.2400, 0.3786
Android (android.graphics.Color)	4279823303 (0xFF18EBC7)
YUV	167.8070, 15.3781, -126.1187
Hunter-Lab	79.8338, -49.3928, 8.2001

Details

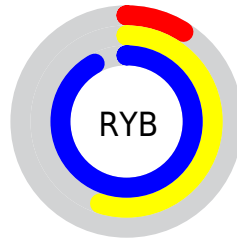
The YUV color **167.8070, 15.3781, -126.1187** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **91.1930, -15.3781, 126.1187**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7380, 20.3422, -84.8392**, and **121.0160, 11.8241, -106.1310** is the 20% darker color. If you saturate the color by 10%, you get **160.1750, 17.1687, -140.4735**, and if you desaturate by 10%, it is **175.4390, 13.5876, -111.7640**.

Distribution



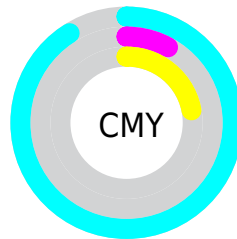
- Red (9%)
- Green (92%)
- Blue (78%)



- Red (9%)
- Yellow (55%)
- Blue (92%)



- Cyan (90%)
- Magenta (0%)
- Yellow (15%)
- Black (8%)



- Cyan (91%)
- Magenta (8%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.8070, 15.3781, -126.1187 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 167.8070, 15.3781, -126.1187 by changing the saturation by 10% instead.

167.8070, 15.3781,
-126.1187

167.8070, 15.3781,
-126.1187

255.0000, 0.0000,
0.0000

140.5300, 15.5147,
-123.2448

213.7380, 20.3422,
-84.8392

121.0160, 11.8241,
-106.1310

223.6050, 15.4777,
-64.5516

102.3170, 8.7177,
-89.7320

233.1730, 10.7607,
-44.8787

83.6180, 5.6113,
-73.3330

242.7410, 6.0437,
-25.2059

65.6200, 2.6523,
-57.5487

252.3090, 1.3267,
-5.5330

47.8500, 0.5670,
-41.9644

31.9550, -1.9498,

-28.0245

■ 13.1420, -5.4930,
-11.5255

■ 0.0000, 0.0000,
0.0000

■ 167.8070, 15.3781,
-126.1187

■ 167.8070, 15.3781,
-126.1187

■ 160.1750, 17.1687,
-140.4735

■ 175.4390, 13.5876,
-111.7640

■ 182.7720, 11.9444,
-98.0240

■ 190.1050, 10.3012,
-84.2841

■ 197.7370, 8.5107,
-69.9293

■ 205.0700, 6.8675,
-56.1894

■ 212.7020, 5.0769,
-41.8347

■ 220.0350, 3.4337,
-28.0947

■ 227.6670, 1.6432,
-13.7400

■ 235.2990, -0.1474,
0.6148

Harmonies

Analogous

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



192.0620, -21.2296, -50.9204



167.8070, 15.3781, -126.1187



166.5590, 41.6294, -146.0722

Triad

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



167.8070, 15.3781, -126.1187



205.9820, 24.1659, -4.3692



199.2040, -36.0896, 48.9331

Complementary

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



167.8070, 15.3781, -126.1187



91.1930, -15.3781, 126.1187

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.



195.1870, -13.4032, 52.4560



167.8070, 15.3781, -126.1187



210.3880, 21.9937, 39.1247

Square

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



167.8070, 15.3781, -126.1187



187.2460, 33.4027, -73.8837



199.2400, 9.7417, 48.9015



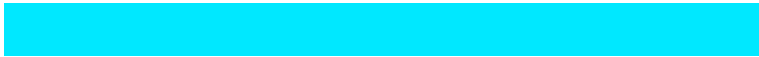
204.8700, -49.7289, 36.9480

Rectangle

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



167.8070, 15.3781, -126.1187



165.2540, 44.2448, -144.9278



199.2400, 9.7417, 48.9015



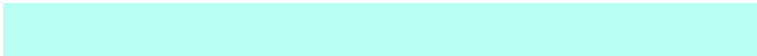
197.0500, -29.1116, 50.8222

Sweetspot

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



167.8070, 15.3781, -126.1187



233.0010, 4.9295, -41.2199



159.5180, -66.8104, -84.6463



114.9430, 2.9861, -24.5060



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.



167.8070, 15.3781, -126.1187



173.7390, 18.3697, -152.3691



132.5820, 50.4921, -95.2264



113.4830, 0.7479, -6.5626



123.3470, 13.1399, -108.1753



36.7140, 3.5920, -32.1982

Inverse Universe

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



91.1930, -15.3781, 126.1187



81.2610, -18.3697, 152.3691



126.4180, -50.4921, 95.2264



109.5170, -0.7479, 6.5626



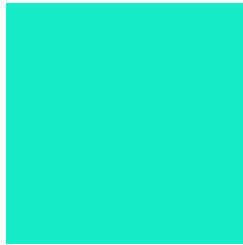
57.6530, -13.1399, 108.1753



17.1720, -4.0288, 32.2982

Previews

White Background



This preview shows how the YUV color 167.8070, 15.3781, -126.1187 looks on a white background.

Color Contrast Check

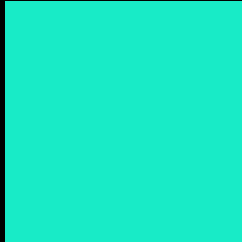
Large Text (above 18pt) WCAG AA × Fail

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 167.8070, 15.3781, -126.1187 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 167.8070, 15.3781, -126.1187 Background



This preview shows how black text looks on a background with the YUV color 167.8070, 15.3781, -126.1187.

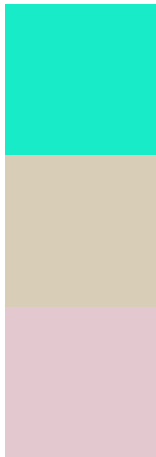


This preview shows how white text looks on a background with the YUV color 167.8070, 15.3781, -126.1187.

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

167.8070, 15.3781, -126.1187

Protanopia

206.4820, -11.0836, 8.3473

Deuteranopia

208.8710, -0.9224, 15.8991



Tritanopia

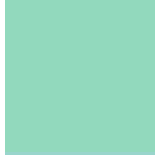
182.6250, 31.7369, -99.6491

Trichromacy



Original Color

167.8070, 15.3781, -126.1187



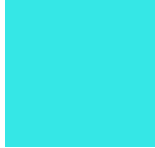
Protanomaly

192.5790, -1.7644, -40.8498



Deuteranomaly

194.0340, 4.9132, -35.9868



Tritanomaly

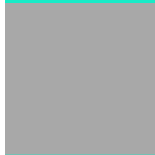
177.6640, 25.8016, -109.3303

Monochromacy



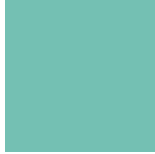
Original Color

167.8070, 15.3781, -126.1187



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.7940, 5.5246, -45.4233

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.8070, 15.3781, -126.1187 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(24, 235, 199)` looks like.

```
.text, #text, p{  
    color:rgb(24, 235, 199)  
}
```

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(24, 235, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 235, 199) }
```

Border

The CSS property to change the border of an element to YUV 167.8070, 15.3781, -126.1187 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(24, 235, 199) }
```


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

```
.border{ border-color:rgb(24, 235, 199) }
```

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

Here you see how a box with a 4 pixel rgb(24, 235, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 235, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 235, 199);  
box-shadow:4px 4px 4px 4px rgb(24, 235,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 167.8070, 15.3781, -126.1187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 235, 199) }
```

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

```
.background{ background-color: rgb(24, 235,  
199) }
```

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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