

Converting Colors

YUV(167.7020, 21.3459,
-126.9037)

Have a look what the booklet for
YUV(167.7020, 21.3459, -126.9037)
contains.

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Color

**YUV(167.7020, 21.3459,
-126.9037)**

Conversions

Conversions Part 1

Format	Color
Hex	17E9D3
RGB	23, 233, 211
RGB Percent	9%, 91%, 83%
CMY	0.9098, 0.0863, 0.1725
CMYK	0.90, 0.00, 0.09, 0.09
HSL	174°, 83%, 50%
HSV	174°, 90%, 91%
XYZ	41.2501, 63.1631, 71.6456
YIQ	167.7020, -118.0980, -51.3620

Conversions

Conversions Part 2

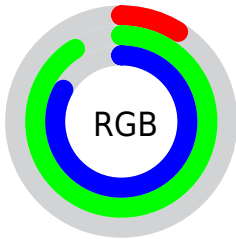
Format	Color
R_{YB}	23, 134, 233
Decimal	1567187
CIE _{Lab}	83.53, -50.44, -2.36
CIE _{LCh}	84, 50.498, 182.674
Yxy	63.1631, 0.2343, 0.3588
Android (android.graphics.Color)	4279757267 (0xFF17E9D3)
YUV	167.7020, 21.3459, -126.9037
Hunter-Lab	79.4752, -46.4346, 2.1837

Details

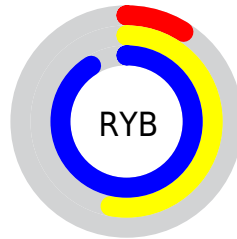
The YUV color **167.7020, 21.3459, -126.9037** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **88.2980, -21.3459, 126.9037**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7380, 20.3422, -84.8392**, and **121.2100, 17.6445, -106.3012** is the 20% darker color. If you saturate the color by 10%, you get **160.5970, 23.8627, -140.8436**, and if you desaturate by 10%, it is **174.8070, 18.8291, -112.9637**.

Distribution



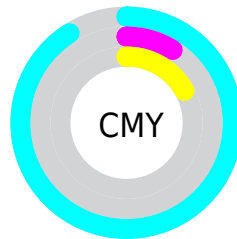
- Red (9%)
- Green (91%)
- Blue (83%)



- Red (9%)
- Yellow (53%)
- Blue (91%)



- Cyan (90%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (91%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.7020, 21.3459, -126.9037 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 167.7020, 21.3459, -126.9037 by changing the saturation by 10% instead.

167.7020, 21.3459,
-126.9037

167.7020, 21.3459,
-126.9037

255.0000, 0.0000,
0.0000

140.6100, 20.8983,
-123.3150

213.7380, 20.3422,
-84.8392

121.2100, 17.6445,
-106.3012

223.9040, 15.3303,
-63.9368

102.3970, 14.1013,
-89.8022

233.4720, 10.6133,
-44.2639

83.5840, 10.5581,
-73.3032

243.0400, 5.8963,
-24.5911

65.5860, 7.5991,
-57.5189

252.6080, 1.1793,
-4.9182

48.4030, 5.2243,
-42.4494

32.3940, 2.2708,

-28.4095

■ 14.2650, 1.3484,
-12.5104

■ 0.0000, 0.0000,
0.0000

■ 167.7020, 21.3459,
-126.9037

■ 167.7020, 21.3459,
-126.9037

■ 160.5970, 23.8627,
-140.8436

■ 174.8070, 18.8291,
-112.9637

■ 182.3250, 16.6018,
-98.5090

■ 189.4300, 14.0850,
-84.5691

■ 196.6490, 12.0050,
-70.7292

■ 203.7540, 9.4883,
-56.7893

■ 211.2720, 7.2609,
-42.3345

■ 218.3770, 4.7441,
-28.3946

■ 225.5960, 2.6642,
-14.5547

■ 233.0000, 0.0000,
0.0000

Harmonies

Analogous

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



190.3800, -13.4983, -57.3383



167.7020, 21.3459, -126.9037



165.2540, 44.2448, -144.9278

Triad

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



167.7020, 21.3459, -126.9037



208.1300, 23.1069, 8.6560



201.9110, -38.4101, 46.5591

Complementary

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



167.7020, 21.3459, -126.9037



88.2980, -21.3459, 126.9037

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.



197.0960, -18.7813, 50.7818



167.7020, 21.3459, -126.9037



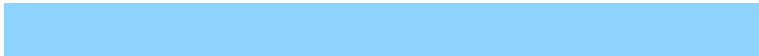
209.5730, 21.4095, 39.8395

Square

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



167.7020, 21.3459, -126.9037



195.3740, 29.3956, -48.5630



199.5190, 3.1951, 48.6568



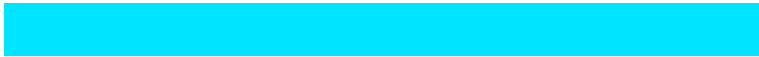
204.1290, -45.9126, 26.1969

Rectangle

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



167.7020, 21.3459, -126.9037



162.9060, 45.4023, -142.8686



199.5190, 3.1951, 48.6568



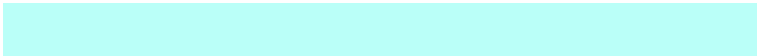
200.1160, -32.5952, 48.1333

Sweetspot

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



167.7020, 21.3459, -126.9037



233.5710, 7.1135, -41.7198



153.7450, -64.4573, -92.7384



115.1710, 3.8597, -24.7060



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.



167.7020, 21.3459, -126.9037



175.6770, 25.7952, -154.0687



123.2500, 54.1068, -87.9192



113.5970, 1.1847, -6.6626



124.7150, 18.3815, -109.3751



37.1700, 5.3392, -32.5981

Inverse Universe

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



88.2980, -21.3459, 126.9037



79.3230, -25.7952, 154.0687



132.7500, -54.1067, 87.9193



109.4030, -1.1847, 6.6626



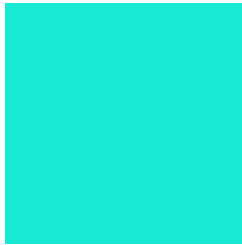
56.2850, -18.3815, 109.3751



16.8300, -5.3392, 32.5981

Previews

White Background



This preview shows how the YUV color 167.7020, 21.3459, -126.9037 looks on a white background.

Color Contrast Check

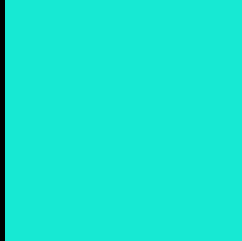
Large Text (above 18pt) WCAG AA × Fail

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 167.7020, 21.3459, -126.9037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

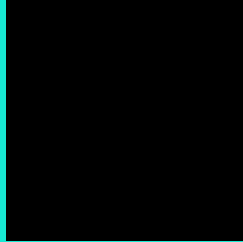
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

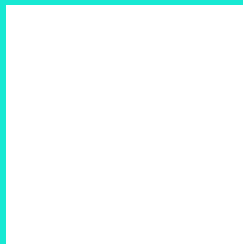
Any Text WCAG AAA ✓ Pass

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

YUV 167.7020, 21.3459, -126.9037 Background



This preview shows how black text looks on a background with the YUV color 167.7020, 21.3459, -126.9037.

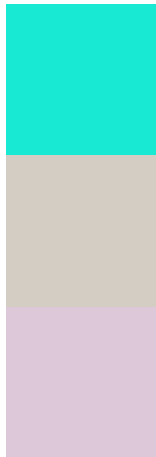


This preview shows how white text looks on a background with the YUV color 167.7020, 21.3459, -126.9037.

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

167.7020, 21.3459, -126.9037

Protanopia

205.9530, -5.3998, 5.3032

Deuteranopia

208.3310, 4.7668, 11.1107



Tritanopia

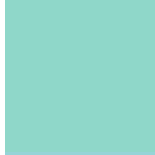
180.4180, 32.3319, -103.8526

Trichromacy



Original Color

167.7020, 21.3459, -126.9037



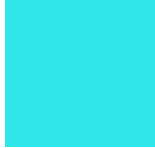
Protanomaly

191.8760, 4.4981, -42.8643



Deuteranomaly

193.5050, 10.5970, -39.0309



Tritanomaly

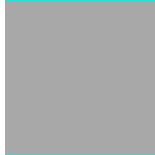
175.9240, 28.1385, -112.1893

Monochromacy



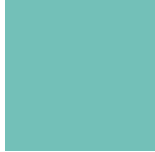
Original Color

167.7020, 21.3459, -126.9037



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.0650, 7.8560, -46.5380

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.7020, 21.3459, -126.9037 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(23, 233, 211)` looks like.

```
.text, #text, p{  
    color:rgb(23, 233, 211)  
}
```

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(23, 233, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 233, 211) }
```

Border

The CSS property to change the border of an element to YUV 167.7020, 21.3459, -126.9037 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(23, 233, 211) }
```


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

```
.border{ border-color:rgb(23, 233, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 233, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 233, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 233, 211);  
box-shadow:4px 4px 4px 4px rgb(23, 233,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 167.7020, 21.3459, -126.9037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 233, 211) }
```

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

```
.background{ background-color: rgb(23, 233,  
211) }
```

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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