

Converting Colors

YUV(137.2530, 15.6513,
-120.3709)

Have a look what the booklet for
YUV(137.2530, 15.6513, -120.3709)
contains.

YUV(137.2530, 15.6513, -120.3709)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(137.2530, 15.6513,
-120.3709)**

Conversions

Conversions Part 1

Format	Color
Hex	00C9A9
RGB	0, 201, 169
RGB Percent	0%, 79%, 66%
CMY	1.0000, 0.2118, 0.3373
CMYK	1.00, 0.00, 0.16, 0.21
HSL	170°, 100%, 39%
HSV	170°, 100%, 79%
XYZ	28.0481, 44.6379, 44.6738
YIQ	137.2530, -109.5240, -52.5640

Conversions

Conversions Part 2

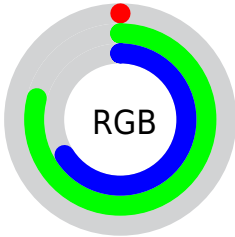
Format	Color
RYB	0, 109, 201
Decimal	51625
CIELab	72.65, -49.24, 4.24
CIELCh	73, 49.423, 175.084
Yxy	44.6379, 0.2390, 0.3804
Android (android.graphics.Color)	4278241705 (0xFF00C9A9)
YUV	137.2530, 15.6513, -120.3709
Hunter-Lab	66.8116, -41.9844, 7.1236

Details

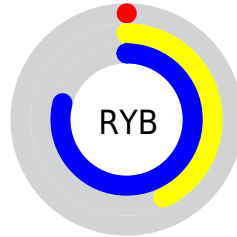
The YUV color **137.2530, 15.6513, -120.3709** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **63.7470, -15.6513, 120.3709**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.7190, 9.0125, -90.9616**, and **99.0400, 8.8543, -86.8581** is the 20% darker color. If you saturate the color by 10%, you get **137.2530, 15.6513, -120.3709**, and if you desaturate by 10%, it is **143.5750, 14.0135, -108.3753**.

Distribution



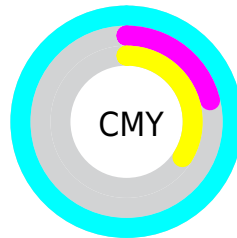
- Red (0%)
- Green (79%)
- Blue (66%)



- Red (0%)
- Yellow (43%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.2530, 15.6513, -120.3709 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 137.2530, 15.6513, -120.3709 by changing the saturation by 10% instead.

■ 137.2530, 15.6513,
-120.3709

■ 137.2530, 15.6513,
-120.3709

■ 255.0000, 0.0000,
0.0000

■ 117.8530, 12.3975,
-103.3571

■ 205.7190, 9.0125,
-90.9616

■ 99.0400, 8.8543,
-86.8581

■ 218.8920, 16.8152,
-73.5733

■ 80.3410, 5.7479,
-70.4591

■ 228.3890, 13.1192,
-54.7152

■ 63.0440, 2.9363,
-55.2896

■ 237.6580, 8.5496,
-35.6571

■ 45.8610, 0.5615,
-40.2201

■ 246.9270, 3.9800,
-16.5990

■ 29.9660, -1.9552,
-26.2802

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 137.2530, 15.6513,
-120.3709

■ 143.5750, 14.0135,
-108.3753

■ 149.8970, 12.3758,
-96.3797

■ 156.3330, 11.1748,
-84.4840

■ 162.6550, 9.5371,
-72.4884

■ 169.2760, 7.7519,
-59.8781

■ 175.5980, 6.1142,
-47.8824

■ 181.9200, 4.4764,
-35.8868

■ 188.3560, 3.2755,
-23.9912

■ 194.6780, 1.6377,
-11.9956

Harmonies

Analogous

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



163.0890, -18.7779, -43.9281



137.2530, 15.6513, -120.3709



142.4970, 35.7440, -124.9699

Triad

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



137.2530, 15.6513, -120.3709



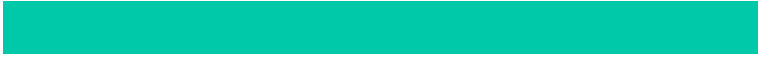
179.1030, 37.4172, -7.9833



177.6830, -35.8327, 59.9140

Complementary

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



137.2530, 15.6513, -120.3709



63.7470, -15.6513, 120.3709

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.



176.9610, -17.2358, 68.4402



137.2530, 15.6513, -120.3709



183.4310, 23.4515, 38.2100

Square

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



137.2530, 15.6513, -120.3709



162.1830, 45.7588, -70.3205



180.4440, 3.7251, 65.3856



174.7430, -43.7503, 32.6744

Rectangle

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



137.2530, 15.6513, -120.3709



143.7000, 47.9689, -126.0249



180.4440, 3.7251, 65.3856



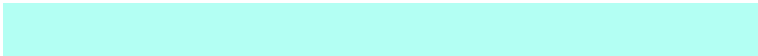
178.3940, -30.7602, 66.3065

Sweetspot

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



137.2530, 15.6513, -120.3709



230.9080, 5.9614, -45.5233



127.8540, -63.0320, -83.1870



113.3340, 3.2863, -27.4799



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.



137.2530, 15.6513, -120.3709



174.0810, 19.6801, -152.6690



101.5720, 49.0180, -89.0786



96.1950, 0.8899, -5.4330



111.2990, 12.6706, -97.6092



24.5520, 2.6859, -21.5321

Inverse Universe

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



63.7470, -15.6513, 120.3709



80.9190, -19.6801, 152.6690



99.4280, -49.0180, 89.0786



92.8050, -0.8899, 5.4330



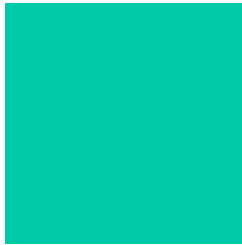
51.7010, -12.6706, 97.6092



11.4480, -2.6859, 21.5321

Previews

White Background



This preview shows how the YUV color 137.2530, 15.6513, -120.3709 looks on a white background.

Color Contrast Check

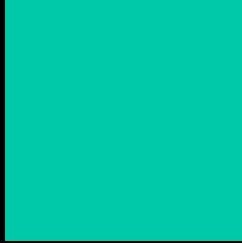
Large Text (above 18pt) WCAG AA × Fail

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 137.2530, 15.6513, -120.3709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

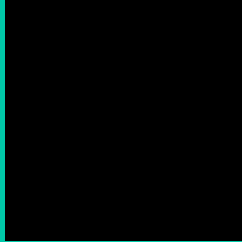
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

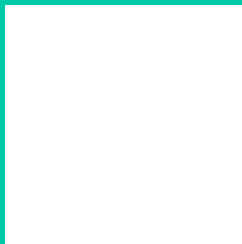
Any Text WCAG AAA ✓ Pass

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

YUV 137.2530, 15.6513, -120.3709 Background



This preview shows how black text looks on a background with the YUV color 137.2530, 15.6513, -120.3709.



This preview shows how white text looks on a background with the YUV color 137.2530, 15.6513, -120.3709.

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



Protanopia

176.4110, -10.0626, 7.5326

Deuteranopia

178.4470, -1.2064, 13.6400

Tritanopia

155.5620, 27.3309, -86.4389

Trichromacy



Protanomaly

162.2310, -0.6069, -38.7906

Deuteranomaly

163.3330, 4.7658, -35.3720

Tritanomaly

148.7470, 23.2957, -98.8791

Monochromacy



Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9190, 5.9559, -43.7790

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2530, 15.6513, -120.3709 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(0, 201, 169)` looks like.

```
.text, #text, p{  
    color:rgb(0, 201, 169)  
}
```

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(0, 201, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 201, 169) }
```

Border

The CSS property to change the border of an element to YUV 137.2530, 15.6513, -120.3709 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(0, 201, 169) }
```

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

```
.border{ border-color:rgb(0, 201, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 201, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 201, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 201, 169);  
box-shadow:4px 4px 4px 4px rgb(0, 201,  
169) }
```


Background

The CSS property to change the background color of an element to YUV 137.2530, 15.6513, -120.3709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 201, 169) }
```

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

```
.background{ background-color: rgb(0, 201,  
169) }
```

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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