

Converting Colors

YUV(137.2990, 25.9816,
-120.4112)

Have a look what the booklet for
YUV(137.2990, 25.9816, -120.4112)
contains.

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Color

**YUV(137.2990, 25.9816,
-120.4112)**

Conversions

Conversions Part 1

Format	Color
Hex	00C5BE
RGB	0, 197, 190
RGB Percent	0%, 77%, 75%
CMY	1.0000, 0.2275, 0.2549
CMYK	1.00, 0.00, 0.04, 0.23
HSL	178°, 100%, 39%
HSV	178°, 100%, 77%
XYZ	29.2605, 43.6502, 55.5983
YIQ	137.2990, -115.1650, -43.9410

Conversions

Conversions Part 2

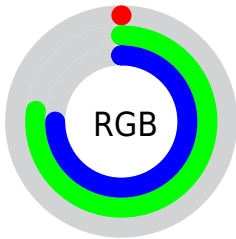
Format	Color
RYB	0, 100, 197
Decimal	50622
CIELab	71.99, -41.67, -8.14
CIELCh	72, 42.461, 191.056
Yxy	43.6502, 0.2277, 0.3397
Android (android.graphics.Color)	4278240702 (0xFF00C5BE)
YUV	137.2990, 25.9816, -120.4112
Hunter-Lab	66.0683, -36.5650, -3.6464

Details

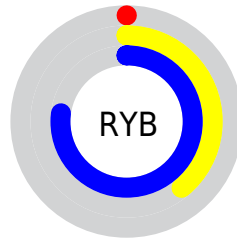
The YUV color **137.2990, 25.9816, -120.4112** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **59.7010, -25.9816, 120.4112**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.2380, 18.6167, -91.4167**, and **98.9720, 18.7478, -86.7984** is the 20% darker color. If you saturate the color by 10%, you get **137.2990, 25.9816, -120.4112**, and if you desaturate by 10%, it is **143.3930, 23.4703, -108.2157**.

Distribution



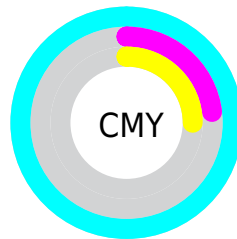
- Red (0%)
- Green (77%)
- Blue (75%)



- Red (0%)
- Yellow (39%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.2990, 25.9816, -120.4112 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 137.2990, 25.9816, -120.4112 by changing the saturation by 10% instead.

■ 137.2990, 25.9816,
-120.4112

■ 137.2990, 25.9816,
-120.4112

■ 255.0000, 0.0000,
0.0000

■ 117.7850, 22.2910,
-103.2974

■ 208.2380, 18.6167,
-91.4167

■ 98.9720, 18.7478,
-86.7984

■ 219.4190, 17.5414,
-73.1585

■ 80.7460, 14.9152,
-70.8142

■ 228.9870, 12.8244,
-53.4856

■ 63.3350, 11.6668,
-55.5448

■ 238.2560, 8.2548,
-34.4275

■ 46.0380, 8.8553,
-40.3753

■ 247.5250, 3.6852,
-15.3694

■ 30.6160, 5.6123,
-26.8502

■ 10.7260, 5.5581,

-9.4067

■ 0.0000, 0.0000,
0.0000

■ 137.2990, 25.9816,
-120.4112

■ 143.3930, 23.4703,
-108.2157

■ 149.0740, 20.6695,
-96.5349

■ 155.1680, 18.1582,
-84.3393

■ 161.2620, 15.6468,
-72.1438

■ 167.3560, 13.1355,
-59.9482

■ 173.0370, 10.3348,
-48.2674

■ 179.1310, 7.8234,
-36.0719

■ 185.2250, 5.3121,
-23.8763

■ 190.9060, 2.5113,
-12.1956

Harmonies

Analogous

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



159.6710, -4.7678, -57.5935



137.2990, 25.9816, -120.4112



140.2290, 42.2851, -122.9808

Triad

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



137.2990, 25.9816, -120.4112



180.7980, 26.7216, 15.9632



175.5620, -35.7731, 40.7261

Complementary

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



137.2990, 25.9816, -120.4112



59.7010, -25.9816, 120.4112

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.



177.5440, -24.9182, 59.1589



137.2990, 25.9816, -120.4112



181.1690, 10.7627, 48.0868

Square

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



137.2990, 25.9816, -120.4112



173.9110, 38.4979, -27.9859



179.3330, -8.0522, 62.8520



172.2720, -36.1231, 12.9165

Rectangle

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



137.2990, 25.9816, -120.4112



146.4080, 47.6199, -107.3518



179.3330, -8.0522, 62.8520



176.0020, -33.0320, 48.2332

Sweetspot

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



137.2990, 25.9816, -120.4112



231.9340, 9.8925, -46.4231



118.6290, -58.4841, -95.2676



114.0180, 5.9071, -28.0798



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.



137.2990, 25.9816, -120.4112



177.7290, 33.6576, -155.8683



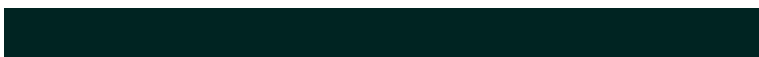
85.8540, 54.7950, -75.2940



96.3090, 1.3267, -5.5330



113.5790, 21.4066, -99.6088



25.0080, 4.4331, -21.9320

Inverse Universe

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



59.7010, -25.9816, 120.4112



77.2710, -33.6576, 155.8683



111.1460, -54.7950, 75.2940



92.6910, -1.3267, 5.5330



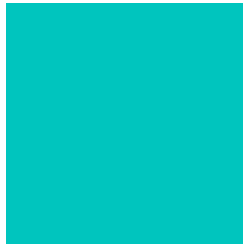
49.4210, -21.4066, 99.6088



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 137.2990, 25.9816, -120.4112 looks on a white background.

Color Contrast Check

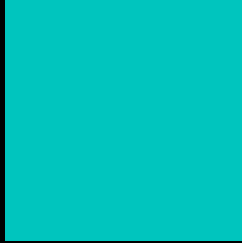
Large Text (above 18pt) WCAG AA × Fail

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 137.2990, 25.9816, -120.4112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

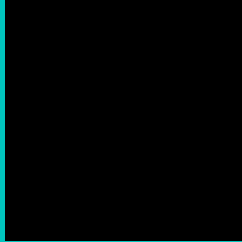
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

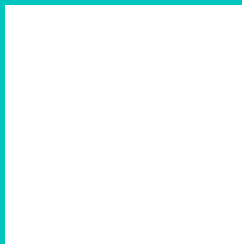
Any Text WCAG AAA ✓ Pass

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

YUV 137.2990, 25.9816, -120.4112 Background



This preview shows how black text looks on a background with the YUV color 137.2990, 25.9816, -120.4112.

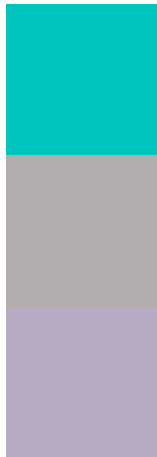


This preview shows how white text looks on a background with the YUV color 137.2990, 25.9816, -120.4112.

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

137.2990, 25.9816, -120.4112

Protanopia

175.4240, 0.2840, 2.2592

Deuteranopia

177.4380, 9.1511, 4.8779



Tritanopia

150.3760, 29.3946, -95.0458

Trichromacy



Original Color

137.2990, 25.9816, -120.4112



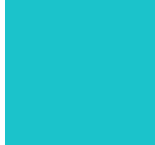
Protanomaly

161.2550, 9.7343, -42.3196



Deuteranomaly

162.4600, 15.5492, -40.7454



Tritanomaly

145.6800, 28.2588, -104.0824

Monochromacy



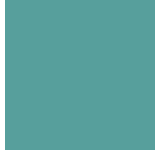
Original Color

137.2990, 25.9816, -120.4112



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

137.1300, 9.3029, -43.9640

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2990, 25.9816, -120.4112 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, 197, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 190)  
}
```

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, 197, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 190) }
```

Border

The CSS property to change the border of an element to YUV 137.2990, 25.9816, -120.4112 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, 197, 190) }
```


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

```
.border{ border-color:rgb(0, 197, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 197, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 137.2990, 25.9816, -120.4112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 190) }
```

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

```
.background{ background-color: rgb(0, 197,  
190) }
```

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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