

Converting Colors

YUV(132.1010, 16.2192,
-115.8526)

Have a look what the booklet for
YUV(132.1010, 16.2192, -115.8526)
contains.

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Color

**YUV(132.1010, 16.2192,
-115.8526)**

Conversions

Conversions Part 1

Format	Color
Hex	00C1A5
RGB	0, 193, 165
RGB Percent	0%, 76%, 65%
CMY	1.0000, 0.2431, 0.3529
CMYK	1.00, 0.00, 0.15, 0.24
HSL	171°, 100%, 38%
HSV	171°, 100%, 76%
XYZ	25.8615, 40.8565, 42.1204
YIQ	132.1010, -106.0400, -49.6240

Conversions

Conversions Part 2

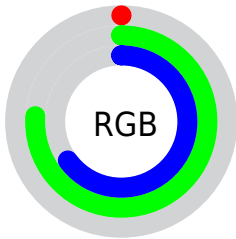
Format	Color
RYB	0, 104, 193
Decimal	49573
CIELab	70.08, -47.02, 2.68
CIELCh	70, 47.093, 176.739
Yxy	40.8565, 0.2376, 0.3754
Android (android.graphics.Color)	4278239653 (0xFF00C1A5)
YUV	132.1010, 16.2192, -115.8526
Hunter-Lab	63.9191, -39.6379, 5.6734

Details

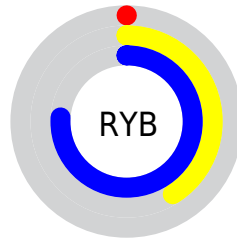
The YUV color **132.1010, 16.2192, -115.8526** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **60.8990, -16.2192, 115.8526**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.7300, 9.0071, -89.2172**, and **93.8880, 9.4222, -82.3398** is the 20% darker color. If you saturate the color by 10%, you get **132.1010, 16.2192, -115.8526**, and if you desaturate by 10%, it is **138.1240, 14.7289, -104.4717**.

Distribution



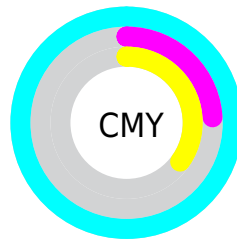
- Red (0%)
- Green (76%)
- Blue (65%)



- Red (0%)
- Yellow (41%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)





- Cyan (100%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 132.1010, 16.2192, -115.8526 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 132.1010, 16.2192, -115.8526 by changing the saturation by 10% instead.

 132.1010, 16.2192,
-115.8526

 132.1010, 16.2192,
-115.8526

255.0000, 0.0000,
0.0000


 112.7010, 12.9654,
-98.8388


 201.7300, 9.0071,
-89.2172


 93.8880, 9.4222,
-82.3398


 217.7240, 14.9261,
-74.3029

 75.8900, 6.4632,
-66.5555


 227.7910, 13.4140,
-55.9447

 58.5930, 3.6517,
-51.3861

 236.7610, 8.9918,
-37.5014

 41.4100, 1.2769,
-36.3166

 246.0300, 4.4222,
-18.4433

 26.6890, -1.8187,
-23.4063

 0.5870, -0.2894,

-0.5148

■ 0.0000, 0.0000,
0.0000

■ 132.1010, 16.2192,
-115.8526

■ 138.1240, 14.7289,
-104.4717

■ 144.4460, 13.0911,
-92.4761

■ 150.3550, 11.1640,
-80.9953

■ 156.3780, 9.6736,
-69.6145

■ 162.7000, 8.0359,
-57.6189

■ 168.7230, 6.5456,
-46.2381

■ 174.7460, 5.0552,
-34.8572

■ 180.6550, 3.1281,
-23.3764

■ 186.9770, 1.4903,
-11.3808

Harmonies

Analogous

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



156.9580, -16.7413, -43.8132



132.1010, 16.2192, -115.8526



137.0030, 35.0015, -120.1516

Triad

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



132.1010, 16.2192, -115.8526



173.5980, 36.6802, -4.9094



170.7040, -34.3641, 55.5106

Complementary

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



132.1010, 16.2192, -115.8526



60.8990, -16.2192, 115.8526

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.



172.0320, -18.2568, 69.2549



132.1010, 16.2192, -115.8526



176.4480, 20.9781, 38.1951

Square

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



132.1010, 16.2192, -115.8526



159.2810, 47.1895, -62.5134



174.2760, 1.8359, 64.6559



167.7040, -41.2661, 29.2006

Rectangle

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



132.1010, 16.2192, -115.8526



137.9780, 46.3528, -121.0067



174.2760, 1.8359, 64.6559



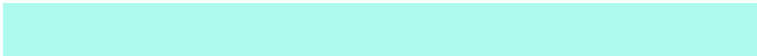
171.3010, -29.7284, 62.0030

Sweetspot

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



132.1010, 16.2192, -115.8526



226.3210, 6.2507, -45.0085



121.9620, -60.1273, -81.5277



110.7470, 3.5757, -26.9651



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



132.1010, 16.2192, -115.8526



171.1460, 21.1270, -150.0950



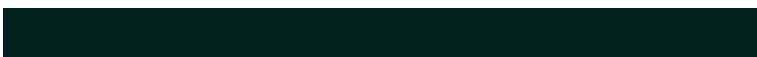
95.3770, 48.1281, -83.6456



93.7820, 0.6005, -5.9478



110.1250, 13.2494, -96.5796



22.5630, 2.6804, -19.7878

Inverse Universe

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



60.8990, -16.2192, 115.8526



78.8540, -21.1270, 150.0950



97.6230, -48.1281, 83.6456



90.2180, -0.6005, 5.9478



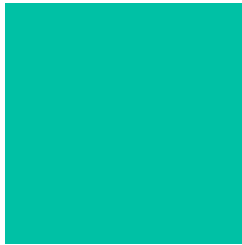
50.7610, -13.6862, 96.6796



10.4370, -2.6804, 19.7878

Previews

White Background



This preview shows how the YUV color 132.1010, 16.2192, -115.8526 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 132.1010, 16.2192, -115.8526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

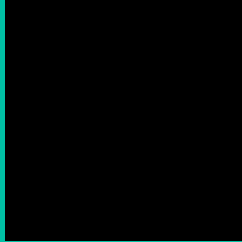
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

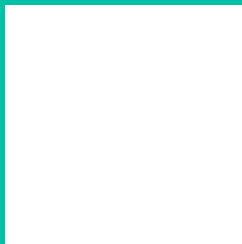
Any Text WCAG AAA ✓ Pass

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

YUV 132.1010, 16.2192, -115.8526 Background



This preview shows how black text looks on a background with the YUV color 132.1010, 16.2192, -115.8526.



This preview shows how white text looks on a background with the YUV color 132.1010, 16.2192, -115.8526.

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

169.4540, -8.6048, 6.6178

Deuteranopia

171.9630, -0.4748, 12.3104

Tritanopia

149.6440, 26.3045, -83.8798

Trichromacy



Protanomaly

156.1710, 0.4087, -37.8610

Deuteranomaly

157.2730, 5.7814, -34.4424

Tritanomaly

143.2420, 22.5587, -95.8052

Monochromacy



Achromatopsia

132.0000, 0.0000, 0.0000

Achromatomaly

131.9300, 5.9505, -42.0346

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.1010, 16.2192, -115.8526 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, 193, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 193, 165)  
}
```

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, 193, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 193, 165) }
```

Border

The CSS property to change the border of an element to YUV 132.1010, 16.2192, -115.8526 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, 193, 165) }
```

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

```
.border{ border-color:rgb(0, 193, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 193, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 193, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 193, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 193,  
165) }
```


Background

The CSS property to change the background color of an element to YUV 132.1010, 16.2192, -115.8526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 193, 165) }
```

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

```
.background{ background-color: rgb(0, 193,  
165) }
```

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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