

Converting Colors

YUV(135.3470, 13.1399,
-108.1753)

Have a look what the booklet for
YUV(135.3470, 13.1399, -108.1753)
contains.

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Color

**YUV(135.3470, 13.1399,
-108.1753)**

Conversions

Conversions Part 1

Format	Color
Hex	0CC1A2
RGB	12, 193, 162
RGB Percent	5%, 76%, 64%
CMY	0.9529, 0.2431, 0.3647
CMYK	0.94, 0.00, 0.16, 0.24
HSL	170°, 88%, 40%
HSV	170°, 94%, 76%
XYZ	25.7432, 40.8267, 40.7060
YIQ	135.3470, -97.9250, -48.0130

Conversions

Conversions Part 2

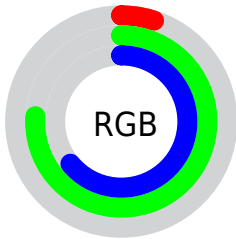
Format	Color
RYB	12, 111, 193
Decimal	836002
CIELab	70.05, -47.42, 4.29
CIELCh	70, 47.615, 174.828
Yxy	40.8267, 0.2400, 0.3806
Android (android.graphics.Color)	4279026082 (0xFF0CC1A2)
YUV	135.3470, 13.1399, -108.1753
Hunter-Lab	63.8958, -39.9012, 6.9553

Details

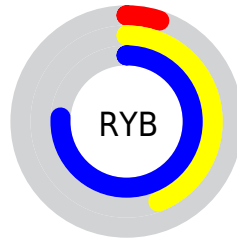
The YUV color **135.3470, 13.1399, -108.1753** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **69.6530, -13.1399, 108.1753**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9860, 7.4019, -87.6877**, and **93.5460, 8.1118, -82.0398** is the 20% darker color. If you saturate the color by 10%, you get **131.5310, 14.0352, -115.3527**, and if you desaturate by 10%, it is **141.3700, 11.6496, -96.7945**.

Distribution



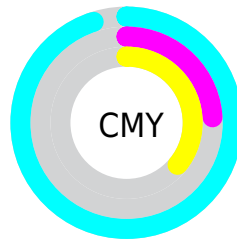
- Red (5%)
- Green (76%)
- Blue (64%)



- Red (5%)
- Yellow (44%)
- Blue (76%)



- Cyan (94%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)



- Cyan (95%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.3470, 13.1399, -108.1753 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 135.3470, 13.1399, -108.1753 by changing the saturation by 10% instead.

■ 135.3470, 13.1399,
-108.1753

■ 135.3470, 13.1399,
-108.1753

■ 255.0000, 0.0000,
0.0000

■ 112.3590, 11.6550,
-98.5388

■ 201.9860, 7.4019,
-87.6877

■ 93.5460, 8.1118,
-82.0398

■ 217.6810, 13.4683,
-73.3882

■ 75.5480, 5.1528,
-66.2556

■ 228.0900, 13.2666,
-55.3299

■ 58.2510, 2.3413,
-51.0861

■ 237.3590, 8.6970,
-36.2718

■ 41.0680, -0.0335,
-36.0166

■ 246.3290, 4.2748,
-17.8285

■ 25.8740, -2.4029,
-22.6915

■ 0.0000, 0.0000,

0.0000

■ 135.3470, 13.1399,
-108.1753

■ 135.3470, 13.1399,
-108.1753

■ 131.5310, 14.0352,
-115.3527

■ 141.3700, 11.6496,
-96.7945

■ 147.8060, 10.4486,
-84.8989

■ 153.8290, 8.9583,
-73.5180

■ 159.8520, 7.4680,
-62.1372

■ 166.2880, 6.2670,
-50.2416

■ 172.3110, 4.7767,
-38.8607

■ 178.3340, 3.2863,
-27.4799

■ 184.3570, 1.7960,
-16.0991

■ 190.7930, 0.5951,
-4.2035

Harmonies

Analogous

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



157.2140, -18.3465, -42.2837



135.3470, 13.1399, -108.1753



136.7750, 34.1279, -119.9517

Triad

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



135.3470, 13.1399, -108.1753



172.9180, 38.0014, -8.6981



170.8290, -33.9327, 57.1550

Complementary

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



135.3470, 13.1399, -108.1753



69.6530, -13.1399, 108.1753

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.



172.2710, -17.3886, 70.7993



135.3470, 13.1399, -108.1753



176.1920, 22.5833, 36.6656

Square

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



135.3470, 13.1399, -108.1753



157.1770, 48.2267, -68.5612



174.6180, 3.1463, 64.3560



167.9000, -41.8557, 31.6597

Rectangle

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



135.3470, 13.1399, -108.1753



137.8640, 45.9160, -120.9067



174.6180, 3.1463, 64.3560



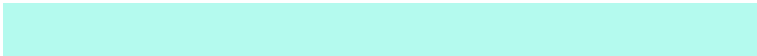
171.4260, -29.2970, 63.6474

Sweetspot

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



135.3470, 13.1399, -108.1753



227.7020, 5.0769, -41.8347



128.1140, -57.2442, -72.8910



111.3450, 3.2809, -25.7356



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.



135.3470, 13.1399, -108.1753



170.3480, 18.0694, -149.3952



105.4220, 43.1760, -81.9311



93.7820, 0.6005, -5.9478



109.6690, 11.5022, -96.1797



22.4490, 2.2436, -19.6878

Inverse Universe

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



69.6530, -13.1399, 108.1753



79.6520, -18.0694, 149.3952



99.5780, -43.1760, 81.9311



90.2180, -0.6005, 5.9478



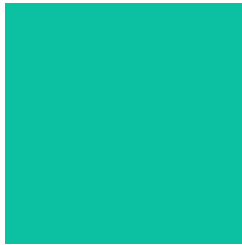
51.3310, -11.5022, 96.1797



10.5510, -2.2436, 19.6878

Previews

White Background



This preview shows how the YUV color 135.3470, 13.1399, -108.1753 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 135.3470, 13.1399, -108.1753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

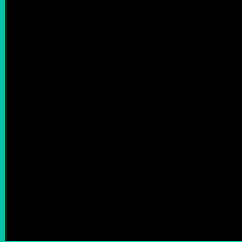
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

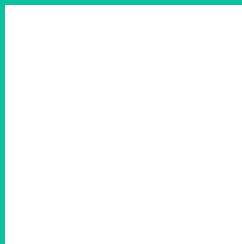
Any Text WCAG AAA ✓ Pass

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

YUV 135.3470, 13.1399, -108.1753 Background



This preview shows how black text looks on a background with the YUV color 135.3470, 13.1399, -108.1753.

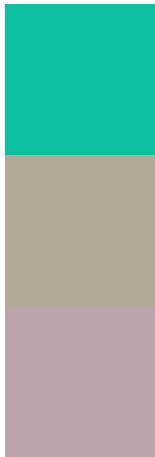


This preview shows how white text looks on a background with the YUV color 135.3470, 13.1399, -108.1753.

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

135.3470, 13.1399, -108.1753

Protanopia

169.5250, -9.6258, 7.4326

Deuteranopia

171.3330, -1.6432, 13.7400



Tritanopia

149.6550, 26.2991, -82.1354

Trichromacy



Original Color

135.3470, 13.1399, -108.1753



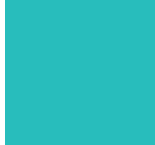
Protanomaly

157.3240, -1.6387, -34.4871



Deuteranomaly

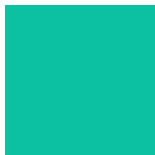
158.4260, 3.7340, -31.0686



Tritanomaly

144.3350, 21.5268, -91.5018

Monochromacy



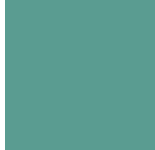
Original Color

135.3470, 13.1399, -108.1753



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.0120, 4.9241, -39.4755

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.3470, 13.1399, -108.1753 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(12, 193, 162)` looks like.

```
.text, #text, p{  
    color:rgb(12, 193, 162)  
}
```

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(12, 193, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 193, 162) }
```

Border

The CSS property to change the border of an element to YUV 135.3470, 13.1399, -108.1753 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(12, 193, 162) }
```


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

```
.border{ border-color:rgb(12, 193, 162) }
```

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

Here you see how a box with a 4 pixel rgb(12, 193, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 193, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 193, 162);  
box-shadow:4px 4px 4px 4px rgb(12, 193,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 135.3470, 13.1399, -108.1753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 193, 162) }
```

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

```
.background{ background-color: rgb(12, 193,  
162) }
```

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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