

Converting Colors

YUV(133.4340, 18.0270,
-88.9576)

Have a look what the booklet for
YUV(133.4340, 18.0270, -88.9576)
contains.

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Color

**YUV(133.4340, 18.0270,
-88.9576)**

Conversions

Conversions Part 1

Format	Color
Hex	20B2AA
RGB	32, 178, 170
RGB Percent	13%, 70%, 67%
CMY	0.8745, 0.3020, 0.3333
CMYK	0.82, 0.00, 0.04, 0.30
HSL	177°, 70%, 41%
HSV	177°, 82%, 70%
XYZ	23.7718, 35.0501, 43.5427
YIQ	133.4340, -84.4480, -33.4400

Conversions

Conversions Part 2

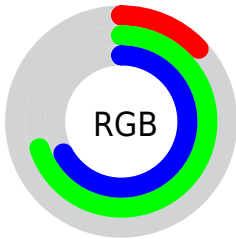
Format	Color
RYB	32, 107, 178
Decimal	2142890
CIELab	65.79, -37.51, -6.34
CIElCh	66, 38.040, 189.588
Yxy	35.0501, 0.2322, 0.3424
Android (android.graphics.Color)	4280332970 (0xFF20B2AA)
YUV	133.4340, 18.0270, -88.9576
Hunter-Lab	59.2032, -31.9327, -2.1643

Details

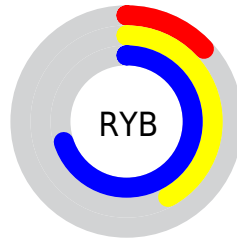
The YUV color **133.4340, 18.0270, -88.9576** is a dark color, and the websafe version is hex **009999**, and the color name is **lightseagreen**. A complement of this color would be **76.5660, -18.0270, 88.9576**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.7020, 14.9369, -77.7917**, and **86.8270, 15.3683, -76.1473** is the 20% darker color. If you saturate the color by 10%, you get **127.9380, 20.2436, -99.9236**, and if you desaturate by 10%, it is **138.9300, 15.8105, -77.9916**.

Distribution



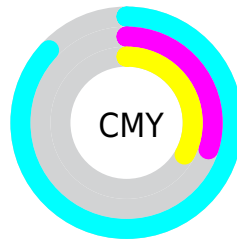
- Red (13%)
- Green (70%)
- Blue (67%)



- Red (13%)
- Yellow (42%)
- Blue (70%)



- Cyan (82%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)




- Cyan (87%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.4340, 18.0270, -88.9576 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 133.4340, 18.0270, -88.9576 by changing the saturation by 10% instead.


 133.4340, 18.0270,
-88.9576


 133.4340, 18.0270,
-88.9576


255.0000, 0.0000,
0.0000


 105.0530, 19.2009,
-92.1315


 194.7020, 14.9369,
-77.7917


 86.8270, 15.3683,
-76.1473


 219.6040, 16.9572,
-72.4437

 68.7150, 11.9725,
-60.2631


 228.6880, 12.9718,
-54.1004

 51.4180, 9.1609,
-45.0936

 237.6580, 8.5496,
-35.6571

 35.4090, 6.2074,
-31.0537

 246.9270, 3.9800,
-16.5990

 20.1010, 3.4012,
-17.6286

 0.0000, 0.0000,

0.0000

■ 133.4340, 18.0270,
-88.9576

■ 133.4340, 18.0270,
-88.9576

■ 127.9380, 20.2436,
-99.9236

■ 138.9300, 15.8105,
-77.9916

■ 123.6380, 21.8705,
-108.4305

■ 144.4260, 13.5940,
-67.0256

■ 149.6230, 11.5249,
-56.6744

■ 155.1190, 9.3083,
-45.7084

■ 160.6150, 7.0918,
-34.7424

■ 166.1110, 4.8753,
-23.7763

■ 171.6070, 2.6587,
-12.8103

■ 176.8040, 0.5896,
-2.4591

■ 182.3000, -1.6269,
8.5069

Harmonies

Analogous

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



145.9110, -5.3791, -48.1569



133.4340, 18.0270, -88.9576



126.3400, 37.3004, -110.8002

Triad

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



133.4340, 18.0270, -88.9576



163.7930, 24.2591, 12.4595



159.3920, -31.2523, 37.3672

Complementary

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



133.4340, 18.0270, -88.9576



76.5660, -18.0270, 88.9576

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.



161.1240, -21.2601, 52.5113



133.4340, 18.0270, -88.9576



163.8970, 9.9108, 41.3093

Square

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



133.4340, 18.0270, -88.9576



157.1840, 34.4193, -26.4714



162.7450, -6.2833, 55.4746



156.0100, -32.0499, 13.1462

Rectangle

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



133.4340, 18.0270, -88.9576



136.2810, 40.2875, -88.8234



162.7450, -6.2833, 55.4746



160.1200, -28.6532, 43.7448

Sweetspot

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



133.4340, 18.0270, -88.9576



214.3160, 7.2392, -35.3571



120.6920, -43.7252, -69.0129



106.3070, 4.2856, -21.3172



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



133.4340, 18.0270, -88.9576



162.7590, 28.2198, -138.3546



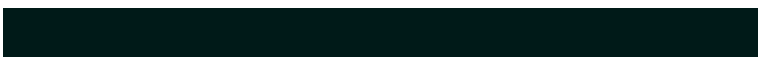
97.3650, 39.7531, -57.3251



86.3090, 1.3267, -5.5330



106.3410, 19.0589, -93.2611



17.9980, 2.9590, -15.7842

Inverse Universe

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



76.5660, -18.0270, 88.9576



74.2410, -28.2198, 138.3546



112.6350, -39.7531, 57.3251



82.8050, -0.8899, 5.4330



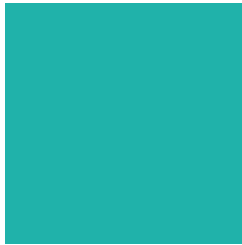
46.6590, -19.0589, 93.2611



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 133.4340, 18.0270, -88.9576 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 133.4340, 18.0270, -88.9576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

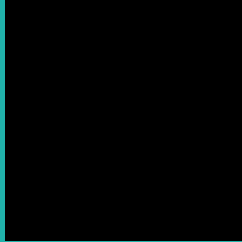
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

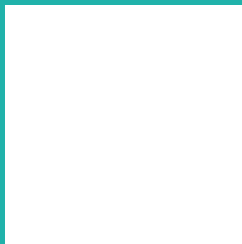
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 133.4340, 18.0270, -88.9576

Background



This preview shows how black text looks on a background with the YUV color 133.4340, 18.0270, -88.9576.

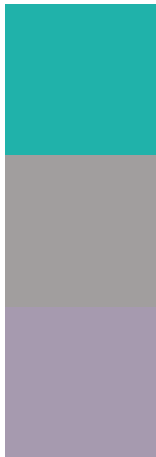


This preview shows how white text looks on a background with the YUV color 133.4340, 18.0270, -88.9576.

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

133.4340, 18.0270, -88.9576

Protanopia

158.8970, -0.4422, 1.8443

Deuteranopia

159.9820, 7.4039, 5.2778



Tritanopia

138.9220, 24.6885, -78.8616

Trichromacy



Original Color

133.4340, 18.0270, -88.9576

Protanomaly

149.4090, 6.2074, -31.0537

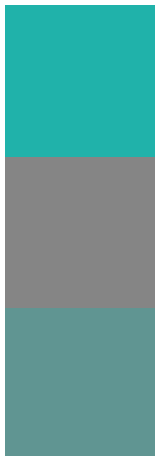
Deuteranomaly

150.3860, 11.1487, -29.2795

Tritanomaly

136.9170, 22.2259, -82.3652

Monochromacy



Original Color

133.4340, 18.0270, -88.9576

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8110, 6.5022, -32.2832

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4340, 18.0270, -88.9576 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(32, 178, 170)` looks like.

```
.text, #text, p{  
    color:rgb(32, 178, 170)  
}
```

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(32, 178, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 178, 170) }
```

Border

The CSS property to change the border of an element to YUV 133.4340, 18.0270, -88.9576 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(32, 178, 170) }
```


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

```
.border{ border-color:rgb(32, 178, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 178, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 178, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 178, 170);  
box-shadow:4px 4px 4px 4px rgb(32, 178,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 133.4340, 18.0270, -88.9576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 178, 170) }
```

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

```
.background{ background-color: rgb(32, 178,  
170) }
```

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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