

Converting Colors

YIQ(133.3190, -83.5270,
-55.6470)

Have a look what the booklet for
YIQ(133.3190, -83.5270, -55.6470)
contains.

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Color

**YIQ(133.3190, -83.5270,
-55.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	13C083
RGB	19, 192, 131
RGB Percent	7%, 75%, 51%
CMY	0.9259, 0.2468, 0.4866
CMYK	0.90, 0.00, 0.32, 0.25
HSL	159°, 82%, 41%
HSV	159°, 90%, 75%
XYZ	23.2237, 39.5052, 27.8482
YIQ	133.3190, -83.5270, -55.6470

Conversions

Conversions Part 2

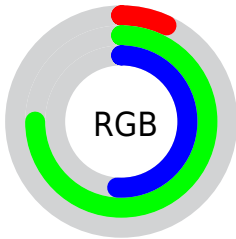
Format	Color
RYB	19, 124, 192
Decimal	1294467
CIELab	69.12, -54.29, 19.80
CIELCh	69, 57.790, 159.965
Yxy	39.5052, 0.2564, 0.4361
Android (android.graphics.Color)	4279484547 (0xFF13C083)
YUV	133.3190, -1.1433, -100.2578
Hunter-Lab	62.8531, -44.0387, 17.7277

Details

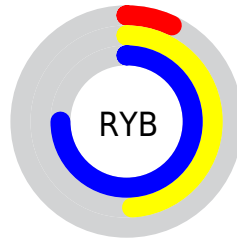
The YIQ color **133.3190, -83.5270, -55.6470** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **77.6810, 83.5270, 55.6470**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.6370, -66.7470, -51.3790**, and **89.6530, -63.6760, -46.4600** is the 20% darker color. If you saturate the color by 10%, you get **126.8400, -92.6040, -61.8520**, and if you desaturate by 10%, it is **139.7980, -74.4500, -49.4420**.

Distribution



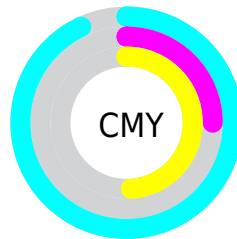
- Red (7%)
- Green (75%)
- Blue (51%)



- Red (7%)
- Yellow (49%)
- Blue (75%)



- Cyan (90%)
- Magenta (0%)
- Yellow (32%)
- Black (25%)



- Cyan (93%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.3190, -83.5270, -55.6470 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 YIQ color 133.3190, -83.5270, -55.6470 by changing the saturation by 10% instead.

■ 133.3190,
-83.5270, -55.6470

■ 133.3190,
-83.5270, -55.6470

■ 255.0000, -0.0000,
-0.0000

■ 108.3520,
-79.1260, -52.8060

■ 198.2240,
-67.0220, -51.9020

■ 89.6530, -63.6760,
-46.4600

■ 213.9190,
-58.3130, -39.0250

■ 71.7690, -49.1430,
-40.0150

■ 226.0810,
-49.4210, -23.9570

■ 53.8850, -34.6100,
-33.5700

■ 237.0600,
-35.7600, -12.7200

■ 36.8160, -20.9940,
-27.0260

■ 246.0300,
-17.8800, -6.3600

■ 22.3060, -10.4500,
-19.8740

■ 0.0000, 0.0000,

0.0000

■ 133.3190,
-83.5270, -55.6470

■ 133.3190,
-83.5270, -55.6470

■ 126.8400,
-92.6040, -61.8520

■ 139.7980,
-74.4500, -49.4420

■ 146.1630,
-65.0520, -43.5480

■ 152.9410,
-55.3790, -37.1310

■ 159.4200,
-46.3020, -30.9260

■ 165.8990,
-37.2250, -24.7210

■ 172.3780,
-28.1480, -18.5160

■ 178.7430,
-18.7500, -12.6220

■ 185.5210, -9.0770,
-6.2050

■ 192.0000, -0.0000,
0.0000

Harmonies

Analogous

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



155.2470, -3.9350, -44.3430



133.3190, -83.5270, -55.6470



135.5550, -113.0100, -44.4500

Triad

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



133.3190, -83.5270, -55.6470



159.3690, -66.3460, 12.9660



166.1720, 82.0210, 16.8450

Complementary

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



133.3190, -83.5270, -55.6470



77.6810, 83.5270, 55.6470

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.



165.3010, 69.3170, 37.8370



133.3190, -83.5270, -55.6470



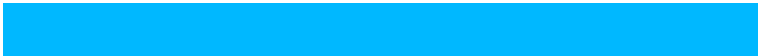
173.5670, -4.4090, 41.3750

Square

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



133.3190, -83.5270, -55.6470



137.0780, -132.4550, -16.9270



172.1740, 45.2900, 49.2740



165.1370, 70.7930, -10.9590

Rectangle

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



133.3190, -83.5270, -55.6470



138.9580, -123.9700, -33.0420



172.1740, 45.2900, 49.2740



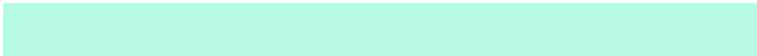
164.9470, 78.5810, 24.1250

Sweetspot

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



133.3190, -83.5270, -55.6470



226.9320, -32.8240, -21.8800



139.3880, -10.0270, -77.1230



111.4440, -19.3460, -12.8340



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.



133.3190, -83.5270, -55.6470



165.2180, -120.7520, -80.3680



126.7720, -96.7830, -24.6470



93.5540, -4.6760, -3.3640



106.3630, -77.6590, -51.8590



21.7650, -15.8160, -10.7280

Inverse Universe

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



77.6810, 83.5270, 55.6470



84.7820, 120.7520, 80.3680



84.2280, 96.7830, 24.6470



90.4460, 4.6760, 3.3640



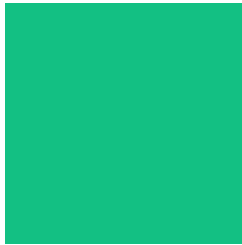
54.6370, 77.6590, 51.8590



11.2350, 15.8160, 10.7280

Previews

White Background



This preview shows how the YIQ color 133.3190, -83.5270, -55.6470 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 YIQ color 133.3190, -83.5270, -55.6470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

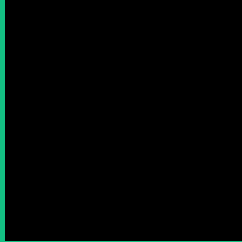
Any Text WCAG AA ✓ Pass

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](#).

YIQ 133.3190, -83.5270, -55.6470 Background



This preview shows how black text looks on a background with the YIQ color 133.3190, -83.5270, -55.6470.



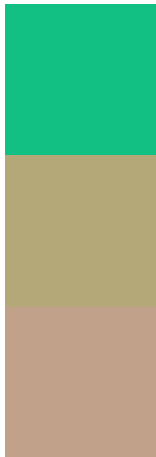
This preview shows how white text looks on a background with the YIQ color 133.3190, -83.5270, -55.6470.

-55.6470.

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

133.3190, -83.5270, -55.6470

Protanopia

165.5290, 22.8350, -11.8610

Deuteranopia

168.2450, 27.0510, -0.1570



Tritanopia

150.9120, -73.6300, -20.2380

Trichromacy



Original Color

133.3190, -83.5270, -55.6470



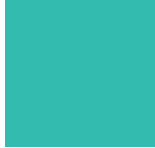
Protanomaly

153.6270, -16.0880, -27.8320



Deuteranomaly

155.2240, -13.1550, -20.4110



Tritanomaly

144.5550, -77.4790, -33.0870

Monochromacy



Original Color

133.3190, -83.5270, -55.6470



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.9540, -29.8900, -19.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.3190, -83.5270, -55.6470 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(19, 192, 131)` looks like.

```
.text, #text, p{  
    color:rgb(19, 192, 131)  
}
```

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(19, 192, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 192, 131) }
```

Border

The CSS property to change the border of an element to YIQ 133.3190, -83.5270, -55.6470 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(19, 192, 131) }
```


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

```
.border{ border-color:rgb(19, 192, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 192, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 192, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 192, 131);  
box-shadow:4px 4px 4px 4px rgb(19, 192,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 133.3190, -83.5270, -55.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 192, 131) }
```

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

```
.background{ background-color: rgb(19, 192,  
131) }
```

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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