

Converting Colors

YIQ(137.9890, -82.8380,
-62.6300)

Have a look what the booklet for
YIQ(137.9890, -82.8380, -62.6300)
contains.

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Color

**YIQ(137.9890, -82.8380,
-62.6300)**

Conversions

Conversions Part 1

Format	Color
Hex	14C97B
RGB	20, 201, 123
RGB Percent	8%, 79%, 48%
CMY	0.9220, 0.2115, 0.5179
CMYK	0.90, 0.00, 0.39, 0.21
HSL	154°, 82%, 43%
HSV	154°, 90%, 79%
XYZ	24.7612, 43.3845, 25.7854
YIQ	137.9890, -82.8380, -62.6300

Conversions

Conversions Part 2

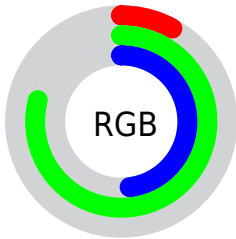
Format	Color
R_{YB}	20, 135, 201
Decimal	1362299
CIE _{Lab}	71.82, -59.18, 27.67
CIE _{LCh}	72, 65.326, 154.942
Yxy	43.3845, 0.2636, 0.4619
Android (android.graphics.Color)	4279552379 (0xFF14C97B)
YUV	137.9890, -7.3896, -103.4764
Hunter-Lab	65.8669, -48.1639, 22.8961

Details

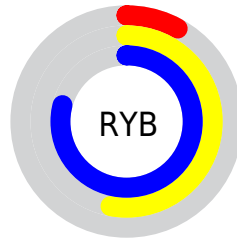
The YIQ color **137.9890, -82.8380, -62.6300** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **83.0110, 82.8380, 62.6300**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **201.1440, -64.0410, -56.3690**, and **93.4370, -63.3080, -53.1320** is the 20% darker color. If you saturate the color by 10%, you get **130.9830, -91.8690, -69.6690**, and if you desaturate by 10%, it is **144.9950, -73.8070, -55.5910**.

Distribution



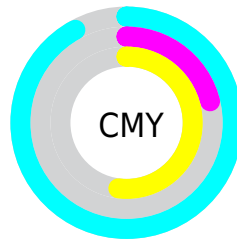
- Red (8%)
- Green (79%)
- Blue (48%)



- Red (8%)
- Yellow (53%)
- Blue (79%)



- Cyan (90%)
- Magenta (0%)
- Yellow (39%)
- Black (21%)



- Cyan (92%)
- Magenta (21%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.9890, -82.8380, -62.6300 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 137.9890, -82.8380, -62.6300 by changing the saturation by 10% instead.

■ 137.9890,
-82.8380, -62.6300

■ 137.9890,
-82.8380, -62.6300

■ 255.0000, -0.0000,
-0.0000

■ 112.7230,
-79.0330, -60.0010

■ 201.1440,
-64.0410, -56.3690

■ 94.0240, -63.5830,
-53.6550

■ 213.6050,
-54.5530, -41.0890

■ 75.5530, -48.7750,
-46.6870

■ 226.0660,
-45.0650, -25.8090

■ 57.6690, -34.2420,
-40.2420

■ 237.9570,
-33.9720, -12.0840

■ 40.1440, -19.3420,
-34.9420

■ 247.2260,
-15.4960, -5.5120

■ 26.4150, -12.3750,
-23.5350

■ 7.0440, -3.3000,

-6.2760

■ 0.0000, 0.0000,
0.0000

■ 137.9890,
-82.8380, -62.6300

■ 137.9890,
-82.8380, -62.6300

■ 130.9830,
-91.8690, -69.6690

■ 144.9950,
-73.8070, -55.5910

■ 151.8870,
-64.4550, -48.8630

■ 158.8930,
-55.4240, -41.8240

■ 165.8990,
-46.3930, -34.7850

■ 172.7910,
-37.0410, -28.0570

■ 180.0960,
-27.4140, -20.8060

■ 187.1020,
-18.3830, -13.7670

■ 193.9940, -9.0310,
-7.0390

■ 201.0000, -0.0000,
0.0000

Harmonies

Analogous

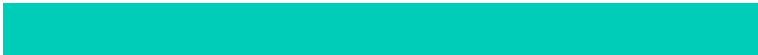
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161.4620, 5.4650, -49.5030



137.9890, -82.8380, -62.6300



141.3110, -115.4390, -49.9910

Triad

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



137.9890, -82.8380, -62.6300



151.1860, -97.1080, -2.2280



165.7960, 80.3240, 20.0680

Complementary

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



137.9890, -82.8380, -62.6300



83.0110, 82.8380, 62.6300

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.



165.8370, 65.0520, 43.5480



137.9890, -82.8380, -62.6300



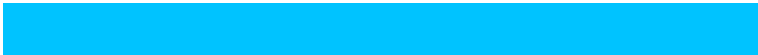
177.7510, -10.9190, 38.2090

Square

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



137.9890, -82.8380, -62.6300



143.5350, -135.4800, -22.6800



179.1340, 42.7670, 56.4550



171.6610, 83.9970, -7.9630

Rectangle

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



137.9890, -82.8380, -62.6300



145.3980, -128.3250, -36.7170



179.1340, 42.7670, 56.4550



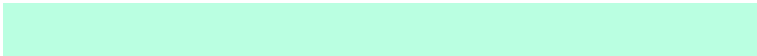
164.3260, 76.1960, 28.8040

Sweetspot

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



137.9890, -82.8380, -62.6300



230.9490, -31.4940, -23.9580



149.5690, -3.2870, -78.1270



113.6890, -18.6580, -14.2900



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.



137.9890, -82.8380, -62.6300



166.2150, -116.6700, -88.2700



139.8370, -104.5760, -32.0960



95.8530, -4.0800, -3.1520



106.2830, -74.6780, -56.3260



23.4120, -16.3200, -12.6080

Inverse Universe

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



83.0110, 82.8380, 62.6300



88.7850, 116.6700, 88.2700



81.1630, 104.5760, 32.0960



93.1470, 4.0800, 3.1520



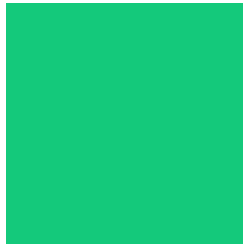
56.7170, 74.6780, 56.3260



12.4740, 16.6410, 12.2970

Previews

White Background



This preview shows how the YIQ color 137.9890, -82.8380, -62.6300 looks on a white background.

Color Contrast Check

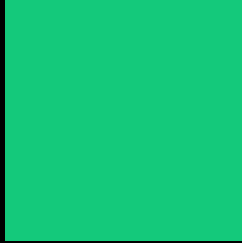
Large Text (above 18pt) WCAG AA × Fail

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 137.9890, -82.8380, -62.6300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

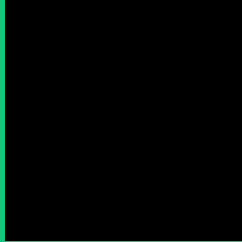
Any Text WCAG AA ✓ Pass

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 137.9890, -82.8380, -62.6300 Background



This preview shows how black text looks on a background with the YIQ color 137.9890, -82.8380, -62.6300.



This preview shows how white text looks on a background with the YIQ color 137.9890, -82.8380, -62.6300.

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

137.9890, -82.8380, -62.6300

Protanopia

171.7160, 29.4380, -15.8900

Deuteranopia

174.5570, 34.8000, -2.9280



Tritanopia

157.8410, -74.8680, -19.8280

Trichromacy



Original Color

137.9890, -82.8380, -62.6300



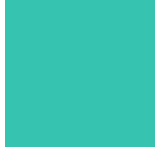
Protanomaly

159.5040, -11.5480, -33.0200



Deuteranomaly

160.9270, -8.0650, -24.5530



Tritanomaly

150.6750, -77.9370, -35.8010

Monochromacy



Original Color

137.9890, -82.8380, -62.6300



Achromatopsia

138.0000, -0.0000, -0.0000



Achromatomaly

138.0740, -30.3480, -22.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.9890, -82.8380, -62.6300 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(20, 201, 123)` looks like.

```
.text, #text, p{  
    color:rgb(20, 201, 123)  
}
```

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(20, 201, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 201, 123) }
```

Border

The CSS property to change the border of an element to YIQ 137.9890, -82.8380, -62.6300 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(20, 201, 123) }
```


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

```
.border{ border-color:rgb(20, 201, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 201, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 201, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 201, 123);  
box-shadow:4px 4px 4px 4px rgb(20, 201,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 137.9890, -82.8380, -62.6300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 201, 123) }
```

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

```
.background{ background-color: rgb(20, 201,  
123) }
```

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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