

Converting Colors

YIQ(129.8690, -82.3800,
-59.9160)

Have a look what the booklet for
YIQ(129.8690, -82.3800, -59.9160)
contains.

YIQ(129.8690, -82.3800, -59.9160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(129.8690, -82.3800,
-59.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	0EBF77
RGB	14, 191, 119
RGB Percent	5%, 75%, 47%
CMY	0.9455, 0.2507, 0.5336
CMYK	0.93, 0.00, 0.38, 0.25
HSL	156°, 86%, 40%
HSV	156°, 93%, 75%
XYZ	22.1519, 38.7166, 23.7365
YIQ	129.8690, -82.3800, -59.9160

Conversions

Conversions Part 2

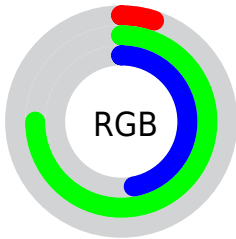
Format	Color
RYB	14, 125, 191
Decimal	966519
CIELab	68.55, -56.72, 25.40
CIElCh	69, 62.147, 155.878
Yxy	38.7166, 0.2618, 0.4576
Android (android.graphics.Color)	4279156599 (0xFF0EBF77)
YUV	129.8690, -5.3584, -101.6171
Hunter-Lab	62.2227, -45.3420, 20.9381

Details

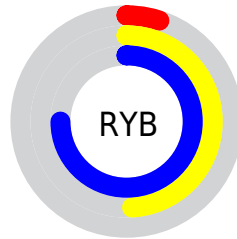
The YIQ color **129.8690, -82.3800, -59.9160** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **75.1310, 82.3800, 59.9160**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.6710, -64.0870, -55.5350**, and **87.8120, -59.8700, -49.3580** is the 20% darker color. If you saturate the color by 10%, you get **124.9990, -88.7980, -64.7500**, and if you desaturate by 10%, it is **136.4620, -73.6240, -53.4000**.

Distribution



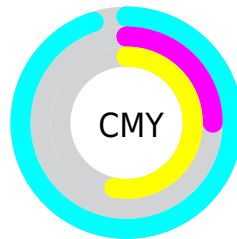
- Red (5%)
- Green (75%)
- Blue (47%)



- Red (5%)
- Yellow (49%)
- Blue (75%)



- Cyan (93%)
- Magenta (0%)
- Yellow (38%)
- Black (25%)



- Cyan (95%)
- Magenta (25%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.8690, -82.3800, -59.9160 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 129.8690, -82.3800, -59.9160 by changing the saturation by 10% instead.

■ 129.8690,
-82.3800, -59.9160

■ 129.8690,
-82.3800, -59.9160

■ 255.0000, -0.0000,
-0.0000

■ 106.3970,
-74.9990, -56.0150

■ 195.6710,
-64.0870, -55.5350

■ 87.8120, -59.8700,
-49.3580

■ 211.8390,
-55.3320, -43.4920

■ 69.8140, -45.0160,
-43.2240

■ 224.3000,
-45.8440, -28.2120

■ 52.0440, -30.8040,
-36.4680

■ 236.4620,
-36.9520, -13.1440

■ 34.6330, -16.2250,
-30.8570

■ 245.4320,
-19.0720, -6.7840

■ 21.1320, -9.9000,
-18.8280

■ 254.7010, -0.5960,

■ 0.0000, 0.0000,

-0.2120

0.0000

■ 129.8690,
-82.3800, -59.9160

■ 129.8690,
-82.3800, -59.9160

■ 124.9990,
-88.7980, -64.7500

■ 136.4620,
-73.6240, -53.4000

■ 142.9410,
-64.5470, -47.1950

■ 149.5340,
-55.7910, -40.6790

■ 156.1270,
-47.0350, -34.1630

■ 162.7200,
-38.2790, -27.6470

■ 169.6120,
-28.9270, -20.9190

■ 176.0910,
-19.8500, -14.7140

■ 182.6840,
-11.0940, -8.1980

■ 189.2770, -2.3380,
-1.6820

Harmonies

Analogous

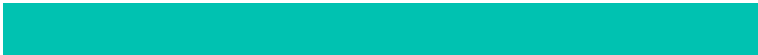
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



153.6730, 3.4930, -46.8030



129.8690, -82.3800, -59.9160



134.0560, -110.1670, -46.4150

Triad

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



129.8690, -82.3800, -59.9160



148.5940, -89.2690, 4.3870



162.0630, 83.9460, 20.5060

Complementary

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



129.8690, -82.3800, -59.9160



75.1310, 82.3800, 59.9160

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.



161.7620, 69.6370, 43.0530



129.8690, -82.3800, -59.9160



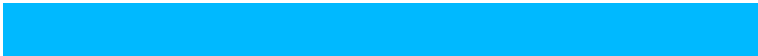
170.9620, -12.8910, 40.9090

Square

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



129.8690, -82.3800, -59.9160



137.6650, -132.7300, -17.4500



170.7270, 42.3550, 52.9070



163.0240, 78.5410, -8.2030

Rectangle

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



129.8690, -82.3800, -59.9160



138.3880, -122.3650, -34.5970



170.7270, 42.3550, 52.9070



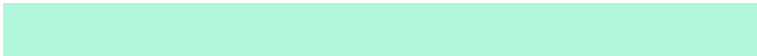
160.4790, 80.1390, 28.9310

Sweetspot

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



129.8690, -82.3800, -59.9160



223.1770, -32.1360, -23.3360



140.0250, -4.5710, -76.8830



110.2050, -20.1710, -14.4030



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.



129.8690, -82.3800, -59.9160



161.7470, -115.1120, -83.4640



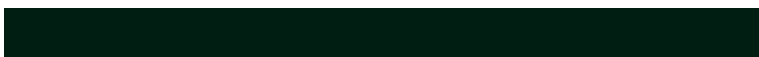
129.2720, -101.3670, -29.6790



90.9670, -4.4010, -2.8410



103.4620, -73.6240, -53.4000



20.2490, -14.3030, -10.6150

Inverse Universe

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



75.1310, 82.3800, 59.9160



85.3670, 114.7910, 83.7750



75.7280, 101.3670, 29.6790



88.1470, 4.0800, 3.1520



54.5380, 73.6240, 53.4000



10.6370, 14.6240, 10.3040

Previews

White Background



This preview shows how the YIQ color 129.8690, -82.3800, -59.9160 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 129.8690, -82.3800, -59.9160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

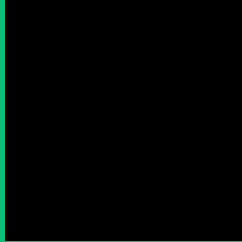
Any Text WCAG AA ✓ Pass

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 129.8690, -82.3800, -59.9160 Background



This preview shows how black text looks on a background with the YIQ color 129.8690, -82.3800, -59.9160.



This preview shows how white text looks on a background with the YIQ color 129.8690, -82.3800, -59.9160.

-59.9160.

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

129.8690, -82.3800, -59.9160

Protanopia

163.6880, 26.6410, -14.7590

Deuteranopia

166.0020, 32.0490, -2.6310



Tritanopia

149.8090, -71.8420, -19.6020

Trichromacy



Original Color

129.8690, -82.3800, -59.9160



Protanomaly

151.4870, -12.8780, -30.9420



Deuteranomaly

152.9700, -9.6240, -23.8320



Tritanomaly

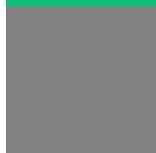
142.3980, -75.5990, -34.1190

Monochromacy



Original Color

129.8690, -82.3800, -59.9160



Achromatopsia

130.0000, -0.0000, -0.0000



Achromatomaly

129.9000, -29.7980, -21.6540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.8690, -82.3800, -59.9160 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(14, 191, 119)` looks like.

```
.text, #text, p{  
    color:rgb(14, 191, 119)  
}
```

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(14, 191, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 191, 119) }
```

Border

The CSS property to change the border of an element to YIQ 129.8690, -82.3800, -59.9160 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(14, 191, 119) }
```


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

```
.border{ border-color:rgb(14, 191, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 191, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 191, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 191, 119);  
box-shadow:4px 4px 4px 4px rgb(14, 191,  
119) }
```

Background

The CSS property to change the background color of an element to YIQ 129.8690, -82.3800, -59.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 191, 119) }
```

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

```
.background{ background-color: rgb(14, 191,  
119) }
```

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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