

Converting Colors

YIQ(121.8730, -69.8670,
-38.8830)

Have a look what the booklet for
YIQ(121.8730, -69.8670, -38.8830)
contains.

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Color

**YIQ(121.8730, -69.8670,
-38.8830)**

Conversions

Conversions Part 1

Format	Color
Hex	1FA685
RGB	31, 166, 133
RGB Percent	12%, 65%, 52%
CMY	0.8787, 0.3488, 0.4787
CMYK	0.81, 0.00, 0.20, 0.35
HSL	165°, 69%, 39%
HSV	165°, 81%, 65%
XYZ	18.4382, 29.2747, 26.8458
YIQ	121.8730, -69.8670, -38.8830

Conversions

Conversions Part 2

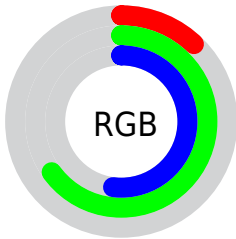
Format	Color
RYB	31, 108, 166
Decimal	2074245
CIELab	61.02, -42.55, 7.39
CIElCh	61, 43.190, 170.151
Yxy	29.2747, 0.2473, 0.3926
Android (android.graphics.Color)	4280264325 (0xFF1FA685)
YUV	121.8730, 5.4856, -79.6956
Hunter-Lab	54.1061, -33.8567, 8.4563

Details

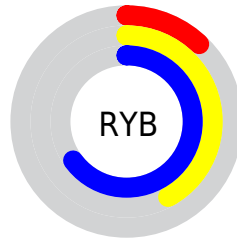
The YIQ color **121.8730, -69.8670, -38.8830** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **75.1270, 69.8670, 38.8830**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **181.7170, -60.5600, -36.8480**, and **75.9070, -58.0390, -32.9750** is the 20% darker color. If you saturate the color by 10%, you get **116.3340, -78.7150, -43.7310**, and if you desaturate by 10%, it is **127.4120, -61.0190, -34.0350**.

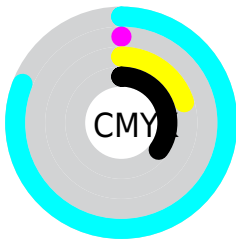
Distribution



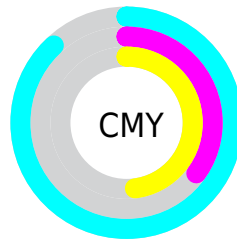
- Red (12%)
- Green (65%)
- Blue (52%)



- Red (12%)
- Yellow (42%)
- Blue (65%)



- Cyan (81%)
- Magenta (0%)
- Yellow (20%)
- Black (35%)



- Cyan (88%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.8730, -69.8670, -38.8830 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 121.8730, -69.8670, -38.8830 by changing the saturation by 10% instead.

■ 121.8730,
-69.8670, -38.8830

■ 121.8730,
-69.8670, -38.8830

■ 255.0000, -0.0000,
-0.0000

■ 93.9050, -72.8930,
-39.1090

■ 181.7170,
-60.5600, -36.8480

■ 75.7930, -57.7180,
-33.2860

■ 210.6030,
-60.2390, -37.1590

■ 58.4960, -43.4600,
-27.3640

■ 225.1130,
-52.4470, -24.1830

■ 41.4270, -29.8440,
-20.8200

■ 235.2660,
-39.3360, -13.9920

■ 26.7060, -17.3280,
-16.3680

■ 244.2360,
-21.4560, -7.6320

■ 4.1090, -1.9250,
-3.6610

■ 253.2060, -3.5760,

■ 0.0000, 0.0000,

-1.2720

0.0000

■ 121.8730,
-69.8670, -38.8830

■ 121.8730,
-69.8670, -38.8830

■ 116.3340,
-78.7150, -43.7310

■ 127.4120,
-61.0190, -34.0350

■ 111.6920,
-85.7750, -47.9430

■ 132.6520,
-52.7670, -29.3990

■ 138.1910,
-43.9190, -24.5510

■ 143.4310,
-35.6670, -19.9150

■ 148.9700,
-26.8190, -15.0670

■ 154.5090,
-17.9710, -10.2190

■ 159.7490, -9.7190,
-5.5830

■ 165.2880, -0.8710,
-0.7350

■ 170.6420, 7.0600,
4.2120

Harmonies

Analogous

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



136.0520, -16.0870, -33.3590



121.8730, -69.8670, -38.8830



117.6370, -101.1370, -33.8490

Triad

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



121.8730, -69.8670, -38.8830



147.1900, -31.8690, 21.4030



147.0010, 60.1530, 5.6650

Complementary

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



121.8730, -69.8670, -38.8830



75.1270, 69.8670, 38.8830

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.



148.4810, 59.4620, 23.7020



121.8730, -69.8670, -38.8830



151.4250, 10.3100, 33.4300

Square

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



121.8730, -69.8670, -38.8830



130.0470, -86.4710, -2.2710



150.5350, 42.1750, 34.1350



144.9800, 46.3100, -13.2900

Rectangle

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



121.8730, -69.8670, -38.8830



119.0850, -107.9700, -25.6500



150.5350, 42.1750, 34.1350



147.5870, 61.6190, 12.1390

Sweetspot

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



121.8730, -69.8670, -38.8830



199.9700, -26.8190, -15.0670



120.4110, -16.8610, -63.3970



99.5200, -16.5040, -9.2720



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



121.8730, -69.8670, -38.8830



147.3850, -110.2560, -61.3280



105.6770, -71.1100, -10.8380



81.3800, -4.1260, -2.3180



99.6440, -76.6520, -42.5720



13.4500, -10.3150, -5.7950

Inverse Universe

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



75.1270, 69.8670, 38.8830



73.6150, 110.2560, 61.3280



91.3230, 71.1100, 10.8380



78.6200, 4.1260, 2.3180



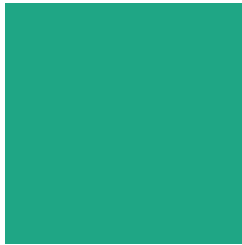
48.3560, 76.6520, 42.5720



6.5500, 10.3150, 5.7950

Previews

White Background



This preview shows how the YIQ color 121.8730, -69.8670, -38.8830 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8730, -69.8670, -38.8830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

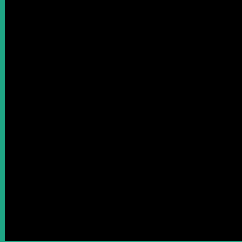
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.8730, -69.8670, -38.8830 Background



This preview shows how black text looks on a background with the YIQ color 121.8730, -69.8670, -38.8830.



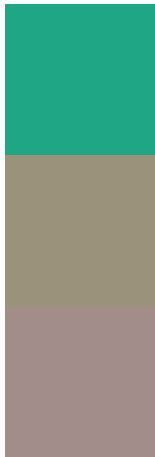
This preview shows how white text looks on a background with the YIQ color 121.8730, -69.8670, -38.8830.

-38.8830.

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

121.8730, -69.8670, -38.8830

Protanopia

145.7700, 12.1510, -5.4570

Deuteranopia

147.2360, 14.0750, 3.7310



Tritanopia

131.3860, -66.1570, -18.0050

Trichromacy



Original Color

121.8730, -69.8670, -38.8830

Protanomaly

136.8800, -17.8780, -17.4140

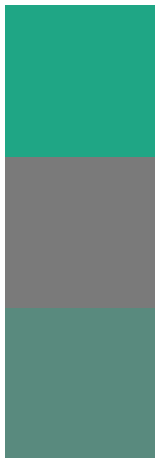
Deuteranomaly

137.9390, -16.3660, -11.7740

Tritanomaly

128.1590, -67.2560, -25.6240

Monochromacy



Original Color

121.8730, -69.8670, -38.8830

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.9810, -25.3520, -14.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.8730, -69.8670, -38.8830 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(31, 166, 133)` looks like.

```
.text, #text, p{  
    color:rgb(31, 166, 133)  
}
```

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(31, 166, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 166, 133) }
```

Border

The CSS property to change the border of an element to YIQ 121.8730, -69.8670, -38.8830 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(31, 166, 133) }
```


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

```
.border{ border-color:rgb(31, 166, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 166, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 166, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 166, 133);  
box-shadow:4px 4px 4px 4px rgb(31, 166,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 121.8730, -69.8670, -38.8830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 166, 133) }
```

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

```
.background{ background-color: rgb(31, 166,  
133) }
```

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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