

Converting Colors

YIQ(127.1070, -97.0090,
-42.5850)

Have a look what the booklet for
YIQ(127.1070, -97.0090, -42.5850)
contains.

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Color

**YIQ(127.1070, -97.0090,
-42.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	08B5A2
RGB	8, 181, 162
RGB Percent	3%, 71%, 64%
CMY	0.9689, 0.2899, 0.3651
CMYK	0.96, 0.00, 0.11, 0.29
HSL	173°, 92%, 37%
HSV	173°, 96%, 71%
XYZ	23.1506, 35.7335, 39.8155
YIQ	127.1070, -97.0090, -42.5850

Conversions

Conversions Part 2

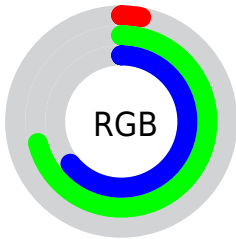
Format	Color
RYB	8, 100, 181
Decimal	570786
CIELab	66.32, -42.55, -1.10
CIELCh	66, 42.567, 181.474
Yxy	35.7335, 0.2346, 0.3620
Android (android.graphics.Color)	4278760866 (0xFF08B5A2)
YUV	127.1070, 17.2022, -104.4568
Hunter-Lab	59.7775, -35.4812, 2.3535

Details

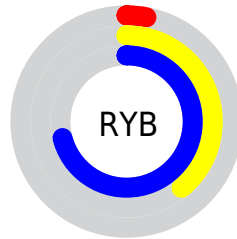
The YIQ color **127.1070, -97.0090, -42.5850** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **61.8930, 97.0090, 42.5850**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.0450, -76.1030, -35.9990**, and **87.2030, -70.5560, -31.9000** is the 20% darker color. If you saturate the color by 10%, you get **124.6010, -101.4560, -44.5920**, and if you desaturate by 10%, it is **132.7170, -86.9230, -38.1470**.

Distribution



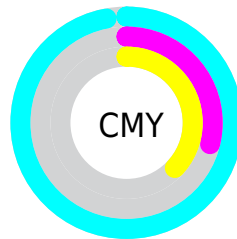
- Red (3%)
- Green (71%)
- Blue (64%)



- Red (3%)
- Yellow (39%)
- Blue (71%)



- Cyan (96%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)



- Cyan (97%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.1070, -97.0090, -42.5850 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 127.1070, -97.0090, -42.5850 by changing the saturation by 10% instead.

■ 127.1070,
-97.0090, -42.5850

■ 127.1070,
-97.0090, -42.5850

■ 255.0000, -0.0000,
-0.0000

■ 105.9020,
-86.0060, -38.2460

■ 194.0450,
-76.1030, -35.9990

■ 87.0890, -70.2350,
-32.2110

■ 216.4850,
-71.2900, -29.6100

■ 69.0910, -55.3810,
-26.0770

■ 226.8940,
-56.0240, -19.9280

■ 51.7940, -41.1230,
-20.1550

■ 235.8640,
-38.1440, -13.5680

■ 35.7850, -27.7360,
-14.9680

■ 245.1330,
-19.6680, -6.9960

■ 20.5910, -15.2660,
-9.6820

254.4020, -1.1920,

■ 0.0000, 0.0000,

-0.4240

0.0000

■ 127.1070,
-97.0090, -42.5850

■ 127.1070,
-97.0090, -42.5850

■ 124.6010,
-101.4560, -44.5920

■ 132.7170,
-86.9230, -38.1470

■ 138.3270,
-76.8370, -33.7090

■ 143.9370,
-66.7510, -29.2710

■ 149.5470,
-56.6650, -24.8330

■ 155.1570,
-46.5790, -20.3950

■ 161.0660,
-35.8970, -15.7450

■ 166.6760,
-25.8110, -11.3070

■ 172.2860,
-15.7250, -6.8690

■ 177.8960, -5.6390,
-2.4310

Harmonies

Analogous

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



147.2120, -31.2170, -34.4890



127.1070, -97.0090, -42.5850



128.4600, -113.7000, -31.9400

Triad

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



127.1070, -97.0090, -42.5850



164.3340, -14.5390, 26.7170



160.5180, 56.8990, -1.4450

Complementary

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



127.1070, -97.0090, -42.5850



61.8930, 97.0090, 42.5850

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.



162.0480, 61.9390, 17.3550



127.1070, -97.0090, -42.5850



165.7810, 23.9270, 34.4470

Square

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



127.1070, -97.0090, -42.5850



154.0830, -59.7890, 9.7710



164.0320, 50.8410, 31.2650



158.0990, 38.4250, -19.0710

Rectangle

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



127.1070, -97.0090, -42.5850



128.9790, -119.2950, -24.1510



164.0320, 50.8410, 31.2650



161.4740, 60.1990, 4.8310

Sweetspot

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



127.1070, -97.0090, -42.5850



213.7560, -37.9600, -16.9040



115.5310, -35.6550, -86.2390



104.2850, -23.1520, -9.9360



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.



127.1070, -97.0090, -42.5850



161.7710, -131.7140, -57.9060



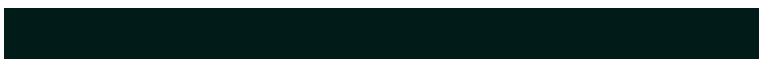
90.5310, -84.9580, -2.1580



89.1950, -5.0430, -2.2190



107.3040, -87.1980, -38.6700



19.2860, -15.7250, -6.8690

Inverse Universe

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



61.8930, 97.0090, 42.5850



73.2290, 131.7140, 57.9060



98.4690, 84.9580, 2.1580



85.8050, 5.0430, 2.2190



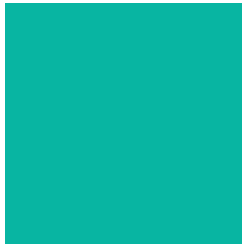
48.5820, 87.5190, 38.3590



8.7140, 15.7250, 6.8690

Previews

White Background



This preview shows how the YIQ color 127.1070, -97.0090, -42.5850 looks on a white background.

Color Contrast Check

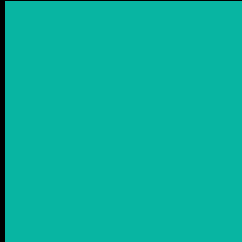
Large Text (above 18pt) WCAG AA × Fail

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 127.1070, -97.0090, -42.5850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

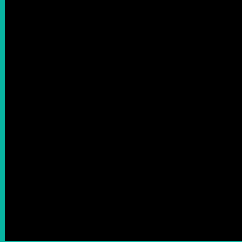
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

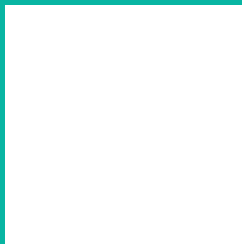
Any Text WCAG AAA ✓ Pass

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

YIQ 127.1070, -97.0090, -42.5850 Background



This preview shows how black text looks on a background with the YIQ color 127.1070, -97.0090, -42.5850.



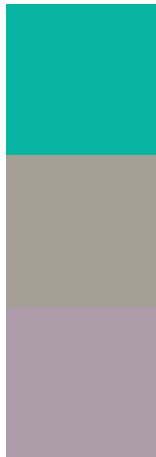
This preview shows how white text looks on a background with the YIQ color 127.1070, -97.0090, -42.5850.

-42.5850.

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

127.1070, -97.0090, -42.5850

Protanopia

159.7680, 6.4650, -1.5270

Deuteranopia

161.5650, 5.9590, 7.6470



Tritanopia

139.7260, -81.9740, -23.2060

Trichromacy



Original Color

127.1070, -97.0090, -42.5850



Protanomaly

147.8770, -30.9910, -16.5510



Deuteranomaly

148.6800, -31.6340, -10.4020



Tritanomaly

134.8730, -87.0620, -30.1180

Monochromacy



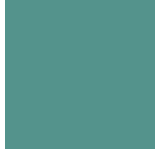
Original Color

127.1070, -97.0090, -42.5850



Achromatopsia

127.0000, -0.0000, -0.0000



Achromatomaly

127.3650, -35.3010, -15.5330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.1070, -97.0090, -42.5850 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(8, 181, 162)` looks like.

```
.text, #text, p{  
    color:rgb(8, 181, 162)  
}
```

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(8, 181, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 181, 162) }
```

Border

The CSS property to change the border of an element to YIQ 127.1070, -97.0090, -42.5850 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(8, 181, 162) }
```


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

```
.border{ border-color:rgb(8, 181, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 181, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 181, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 181, 162);  
box-shadow:4px 4px 4px 4px rgb(8, 181,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 127.1070, -97.0090, -42.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 181, 162) }
```

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

```
.background{ background-color: rgb(8, 181,  
162) }
```

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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