

Converting Colors

YIQ(147.7130, -10.0380,
-16.3260)

Have a look what the booklet for
YIQ(147.7130, -10.0380, -16.3260)
contains.

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Color

**YIQ(147.7130, -10.0380,
-16.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	80A183
RGB	128, 161, 131
RGB Percent	50%, 63%, 51%
CMY	0.4981, 0.3686, 0.4863
CMYK	0.21, 0.00, 0.19, 0.37
HSL	125°, 15%, 57%
HSV	125°, 21%, 63%
XYZ	25.7421, 31.7204, 26.2371
YIQ	147.7130, -10.0380, -16.3260

Conversions

Conversions Part 2

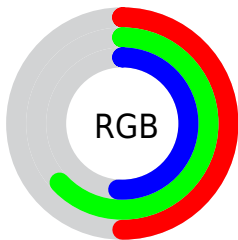
Format	Color
RYB	128, 158, 161
Decimal	8429955
CIELab	63.11, -17.50, 11.94
CIELCh	63, 21.185, 145.686
Yxy	31.7204, 0.3076, 0.3790
Android (android.graphics.Color)	4286620035 (0xFF80A183)
YUV	147.7130, -8.2395, -17.2883
Hunter-Lab	56.3209, -16.9761, 11.8043

Details

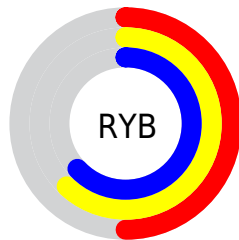
The YIQ color **147.7130, -10.0380, -16.3260** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **141.2870, 10.0380, 16.3260**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.8870, -10.5880, -17.3720**, and **96.6530, -9.8090, -14.9690** is the 20% darker color. If you saturate the color by 10%, you get **141.2190, -14.7590, -24.3830**, and if you desaturate by 10%, it is **154.2070, -5.3170, -8.2690**.

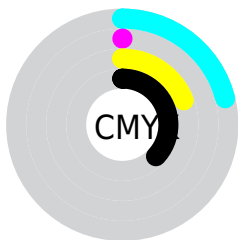
Distribution



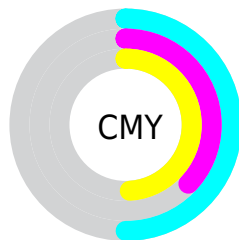
- Red (50%)
- Green (63%)
- Blue (51%)



- Red (50%)
- Yellow (62%)
- Blue (63%)



- Cyan (21%)
- Magenta (0%)
- Yellow (19%)
- Black (37%)



- Cyan (50%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.7130, -10.0380, -16.3260 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 147.7130, -10.0380, -16.3260 by changing the saturation by 10% instead.

■ 147.7130,
-10.0380, -16.3260

■ 147.7130,
-10.0380, -16.3260

■ 255.0000, -0.0000,
-0.0000

■ 122.1260, -9.7630,
-15.8030

■ 201.8870,
-10.5880, -17.3720

■ 96.6530, -9.8090,
-14.9690

■ 229.8870,
-10.5880, -17.3720

■ 72.9520, -9.2130,
-14.7570

■ 247.9080, -5.9130,
-8.4810

■ 50.1800, -9.8550,
-14.1350

■ 27.7070, -9.9010,
-13.3010

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,

0.0000

■ 147.7130,
-10.0380, -16.3260

■ 147.7130,
-10.0380, -16.3260

■ 141.2190,
-14.7590, -24.3830

■ 154.2070, -5.3170,
-8.2690

■ 134.8390,
-19.8010, -32.1290

■ 160.5870, -0.2750,
-0.5230

■ 128.3450,
-24.5220, -40.1860

■ 167.0810, 4.4460,
7.5340

■ 121.8510,
-29.2430, -48.2430

■ 173.5750, 9.1670,
15.5910

■ 115.1720,
-34.8810, -56.2010

■ 179.9550, 14.2090,
23.3370

■ 108.6780,
-39.6020, -64.2580

■ 186.7480, 19.5260,
31.6060

■ 102.2980,
-44.6440, -72.0040

■ 193.1280, 24.5680,
39.3520

■ 96.2170, -49.0900,
-79.5380

■ 199.0240, 28.0970,
46.9850

■ 199.8220, 25.8500,
49.1620

Harmonies

Analogous

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



150.5750, 8.0260, -13.3020



147.7130, -10.0380, -16.3260



145.2580, -27.6900, -15.8020

Triad

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



147.7130, -10.0380, -16.3260



150.6180, -27.9230, 4.9490



154.9070, 31.3590, 9.8790

Complementary

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



147.7130, -10.0380, -16.3260



141.2870, 10.0380, 16.3260

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.



155.5890, 23.7470, 15.6750



147.7130, -10.0380, -16.3260



154.2290, -10.4100, 12.4540

Square

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



147.7130, -10.0380, -16.3260



146.4760, -39.5670, -4.2950



156.1020, 9.1210, 16.4250



153.4520, 30.9020, 1.6380

Rectangle

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



147.7130, -10.0380, -16.3260



144.3480, -36.6310, -13.4550



156.1020, 9.1210, 16.4250



155.0040, 29.7080, 12.2680

Sweetspot

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



147.7130, -10.0380, -16.3260



204.1580, -3.6210, -5.9650



156.3410, 8.8050, -10.8990



101.8100, -2.5210, -3.8730



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



147.7130, -10.0380, -16.3260



188.0940, -15.9050, -25.6410



149.5370, -15.1740, -11.3500



78.3970, -2.7960, -4.3960



86.5970, -44.0480, -71.7920



10.7940, -5.5920, -8.7920

Inverse Universe

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



141.2870, 10.0380, 16.3260



177.9060, 15.9050, 25.6410



139.4630, 15.1740, 11.3500



76.6030, 2.7960, 4.3960



58.4030, 44.0480, 71.7920



7.2060, 5.5920, 8.7920

Previews

White Background



This preview shows how the YIQ color 147.7130, -10.0380, -16.3260 looks on a white background.

Color Contrast Check

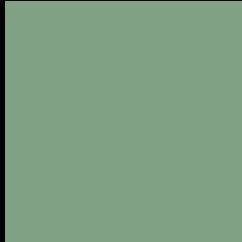
Large Text (above 18pt) WCAG AA × Fail

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 147.7130, -10.0380, -16.3260 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 147.7130, -10.0380, -16.3260 Background



This preview shows how black text looks on a background with the YIQ color 147.7130, -10.0380, -16.3260.



This preview shows how white text looks on a background with the YIQ color 147.7130, -10.0380, -16.3260.

-16.3260.

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

147.7130, -10.0380, -16.3260

Protanopia

151.8410, 13.3890, -5.8670

Deuteranopia

153.5910, 20.2650, 1.6810



Tritanopia

150.7900, -16.9640, -0.9320

Trichromacy



Original Color

147.7130, -10.0380, -16.3260

Protanomaly

150.1280, 5.0910, -9.6690

Deuteranomaly

151.3290, 9.0790, -4.8490

Tritanomaly

149.8840, -14.5330, -6.4450

Monochromacy



Original Color

147.7130, -10.0380, -16.3260

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

148.1580, -3.6210, -5.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.7130, -10.0380, -16.3260 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(128, 161, 131)` looks like.

```
.text, #text, p{  
    color:rgb(128, 161, 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(128, 161, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 161, 131) }
```

Border

The CSS property to change the border of an element to YIQ 147.7130, -10.0380, -16.3260 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(128, 161, 131) }
```


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

```
.border{ border-color:rgb(128, 161, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 161, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 161, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 161, 131);  
box-shadow:4px 4px 4px 4px rgb(128, 161,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 147.7130, -10.0380, -16.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 161, 131) }
```

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

```
.background{ background-color: rgb(128,  
161, 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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