

Converting Colors

YIQ(157.8810, -36.8140,
-15.6460)

Have a look what the booklet for
YIQ(157.8810, -36.8140, -15.6460)
contains.

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Color

**YIQ(157.8810, -36.8140,
-15.6460)**

Conversions

Conversions Part 1

Format	Color
Hex	71B2AC
RGB	113, 178, 172
RGB Percent	44%, 70%, 67%
CMY	0.5570, 0.3018, 0.3256
CMYK	0.37, 0.00, 0.03, 0.30
HSL	174°, 30%, 57%
HSV	174°, 37%, 70%
XYZ	30.1736, 38.3369, 44.8210
YIQ	157.8810, -36.8140, -15.6460

Conversions

Conversions Part 2

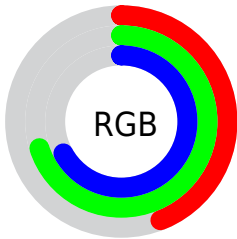
Format	Color
RYB	113, 147, 178
Decimal	7451308
CIELab	68.27, -22.14, -3.49
CIELCh	68, 22.410, 188.953
Yxy	38.3369, 0.2662, 0.3383
Android (android.graphics.Color)	4285641388 (0xFF71B2AC)
YUV	157.8810, 6.9607, -39.3606
Hunter-Lab	61.9168, -21.3668, 0.4222

Details

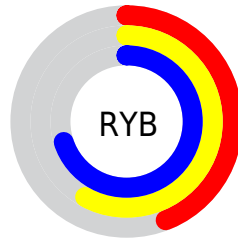
The YIQ color **157.8810, -36.8140, -15.6460** is a light color, and the websafe version is hex **669999**. A complement of this color would be **133.1190, 36.8140, 15.6460**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1690, -37.6850, -16.3810**, and **104.9950, -37.1350, -15.3350** is the 20% darker color. If you saturate the color by 10%, you get **152.2710, -46.9000, -20.0840**, and if you desaturate by 10%, it is **163.4910, -26.7280, -11.2080**.

Distribution



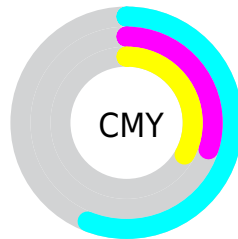
- Red (44%)
- Green (70%)
- Blue (67%)



- Red (44%)
- Yellow (58%)
- Blue (70%)



- Cyan (37%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)



- Cyan (56%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.8810, -36.8140, -15.6460 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 157.8810, -36.8140, -15.6460 by changing the saturation by 10% instead.

■ 157.8810,
-36.8140, -15.6460

■ 157.8810,
-36.8140, -15.6460

■ 255.0000, -0.0000,
-0.0000

■ 130.8810,
-36.8140, -15.6460

■ 213.1690,
-37.6850, -16.3810

■ 104.9950,
-37.1350, -15.3350

■ 237.0600,
-35.7600, -12.7200

■ 79.0980, -38.9230,
-15.9710

■ 245.7310,
-18.4760, -6.5720

■ 52.7060, -43.6910,
-17.6670

■ 254.4020, -1.1920,
-0.4240

■ 36.6970, -30.3040,
-12.4800

■ 21.9760, -17.7880,
-8.0280

■ 0.1140, -0.3210,

0.3110

■ 0.0000, 0.0000,
0.0000

■ 157.8810,
-36.8140, -15.6460

■ 157.8810,
-36.8140, -15.6460

■ 152.2710,
-46.9000, -20.0840

■ 163.4910,
-26.7280, -11.2080

■ 146.7750,
-57.3070, -24.2110

■ 168.9870,
-16.3210, -7.0810

■ 141.4640,
-66.7970, -28.4370

■ 174.2980, -6.8310,
-2.8550

■ 135.8540,
-76.8830, -32.8750

■ 179.9080, 3.2550,
1.5830

■ 130.3580,
-87.2900, -37.0020

■ 185.4040, 13.6620,
5.7100

■ 124.7480,
-97.3760, -41.4400

■ 191.0140, 23.7480,
10.1480

■ 122.8400,
-100.6310, -43.0230

■ 196.6240, 33.8340,
14.5860

■ 201.8210, 43.6450,
18.5010

■ 202.0490, 43.0030,
19.1230

Harmonies

Analogous

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



159.9830, -19.6660, -18.0500



157.8810, -36.8140, -15.6460



158.5630, -44.4260, -9.8500

Triad

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



157.8810, -36.8140, -15.6460



168.8280, -1.7910, 15.9450



166.6320, 30.2150, -2.4330

Complementary

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



157.8810, -36.8140, -15.6460



133.1190, 36.8140, 15.6460

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.



168.7670, 34.5690, 6.7690



157.8810, -36.8140, -15.6460



170.2340, 17.5570, 17.7250

Square

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



157.8810, -36.8140, -15.6460



166.0750, -21.7800, 9.2600



169.4710, 29.8910, 14.4590



164.7180, 17.9290, -11.0550

Rectangle

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



157.8810, -36.8140, -15.6460



160.2200, -41.7220, -3.7860



169.4710, 29.8910, 14.4590



167.2950, 32.7820, 0.6060

Sweetspot

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



157.8810, -36.8140, -15.6460



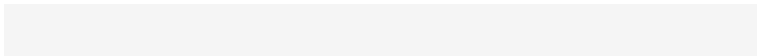
224.2970, -14.2580, -5.9220



152.9490, -14.2990, -32.7230



112.4010, -8.6190, -3.4910



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.



157.8810, -36.8140, -15.6460



200.4760, -57.9030, -24.4230



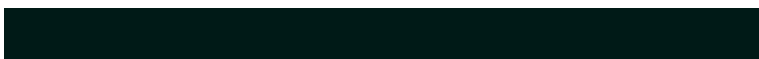
143.3030, -31.5900, -0.1820



86.1950, -5.0430, -2.2190



105.6570, -86.6940, -36.7900



17.8840, -14.5330, -6.4450

Inverse Universe

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



133.1190, 36.8140, 15.6460



161.5240, 57.9030, 24.4230



147.6970, 31.5900, 0.1820



82.8050, 5.0430, 2.2190



47.3430, 86.6940, 36.7900



8.0020, 14.8540, 6.1340

Previews

White Background



This preview shows how the YIQ color 157.8810, -36.8140, -15.6460 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 157.8810, -36.8140, -15.6460 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 157.8810, -36.8140, -15.6460 Background



This preview shows how black text looks on a background with the YIQ color 157.8810, -36.8140, -15.6460.



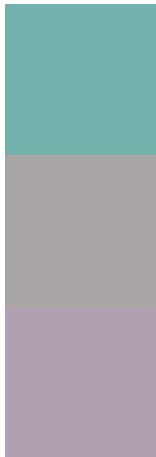
This preview shows how white text looks on a background with the YIQ color 157.8810, -36.8140, -15.6460.

-15.6460.

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

157.8810, -36.8140, -15.6460

Protanopia

166.0820, 2.7050, 0.5370

Deuteranopia

167.4940, 4.7210, 8.0570



Tritanopia

159.2540, -39.0620, -7.9420

Trichromacy



Original Color

157.8810, -36.8140, -15.6460

Protanomaly

163.3790, -11.5530, -5.3850

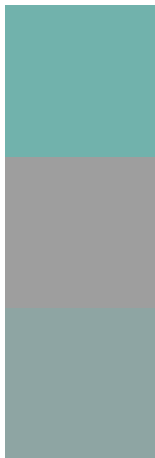
Deuteranomaly

164.0250, -10.3160, -0.2680

Tritanomaly

158.8580, -38.0070, -10.5430

Monochromacy



Original Color

157.8810, -36.8140, -15.6460

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.8950, -13.0660, -5.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.8810, -36.8140, -15.6460 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(113, 178, 172)` looks like.

```
.text, #text, p{  
    color:rgb(113, 178, 172)  
}
```

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(113, 178, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 178, 172) }
```

Border

The CSS property to change the border of an element to YIQ 157.8810, -36.8140, -15.6460 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(113, 178, 172) }
```


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

```
.border{ border-color:rgb(113, 178, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 178, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 178, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 178, 172);  
box-shadow:4px 4px 4px 4px rgb(113, 178,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 157.8810, -36.8140, -15.6460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 178, 172) }
```

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

```
.background{ background-color: rgb(113,  
178, 172) }
```

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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