

Converting Colors

YIQ(137.8170, -30.7620,
-15.1940)

Have a look what the booklet for
YIQ(137.8170, -30.7620, -15.1940)
contains.

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Color

**YIQ(137.8170, -30.7620,
-15.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	639C92
RGB	99, 156, 146
RGB Percent	39%, 61%, 57%
CMY	0.6119, 0.3881, 0.4276
CMYK	0.37, 0.00, 0.06, 0.39
HSL	169°, 22%, 50%
HSV	169°, 37%, 61%
XYZ	22.2202, 28.5100, 31.5141
YIQ	137.8170, -30.7620, -15.1940

Conversions

Conversions Part 2

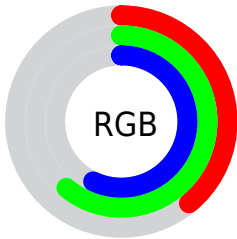
Format	Color
R_{YB}	99, 130, 156
Decimal	6528146
CIE _{Lab}	60.35, -21.06, -0.66
CIE _{LCh}	60, 21.075, 181.803
Yxy	28.5100, 0.2702, 0.3467
Android (android.graphics.Color)	4284718226 (0xFF639C92)
YUV	137.8170, 4.0342, -34.0425
Hunter-Lab	53.3948, -19.1583, 2.3828

Details

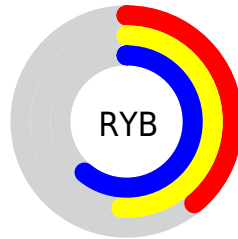
The YIQ color **137.8170, -30.7620, -15.1940** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **117.1830, 30.7620, 15.1940**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.1050, -31.6330, -15.9290**, and **86.3440, -30.8080, -14.3600** is the 20% darker color. If you saturate the color by 10%, you get **132.6910, -39.3350, -19.5190**, and if you desaturate by 10%, it is **142.9430, -22.1890, -10.8690**.

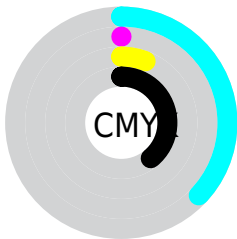
Distribution



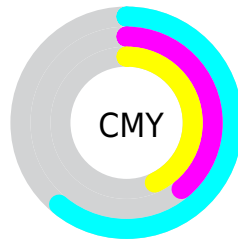
- Red (39%)
- Green (61%)
- Blue (57%)



- Red (39%)
- Yellow (51%)
- Blue (61%)



- Cyan (37%)
- Magenta (0%)
- Yellow (6%)
- Black (39%)



- Cyan (61%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.8170, -30.7620, -15.1940 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 137.8170, -30.7620, -15.1940 by changing the saturation by 10% instead.

■ 137.8170,
-30.7620, -15.1940

■ 137.8170,
-30.7620, -15.1940

■ 255.0000, -0.0000,
-0.0000

■ 111.8170,
-30.7620, -15.1940

■ 192.1050,
-31.6330, -15.9290

■ 86.9310, -31.0830,
-14.8830

■ 220.1050,
-31.6330, -15.9290

■ 61.1480, -33.1920,
-15.2080

■ 240.9470,
-28.0120, -9.9640

■ 39.1590, -31.7250,
-14.2610

■ 249.3190,
-11.3240, -4.0280

■ 23.8510, -18.9340,
-9.2860

■ 1.5160, -1.5130,
-0.1130

■ 0.0000, 0.0000,

0.0000

■ 137.8170,
-30.7620, -15.1940

■ 137.8170,
-30.7620, -15.1940

■ 132.6910,
-39.3350, -19.5190

■ 142.9430,
-22.1890, -10.8690

■ 127.8640,
-47.3120, -23.6320

■ 147.6560,
-13.8910, -7.0670

■ 122.8520,
-56.2060, -27.6460

■ 152.7820, -5.3180,
-2.7420

■ 118.0250,
-64.1830, -31.7590

■ 157.6090, 2.6590,
1.3710

■ 112.8990,
-72.7560, -36.0840

■ 162.7350, 11.2320,
5.6960

■ 107.7730,
-81.3290, -40.4090

■ 167.7470, 20.1260,
9.7100

■ 106.2780,
-84.3090, -41.4690

■ 172.5740, 28.1030,
13.8230

■ 177.7000, 36.6760,
18.1480

■ 182.5270, 44.6530,
22.2610

Harmonies

Analogous

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



139.8590, -13.3850, -16.2410



137.8170, -30.7620, -15.1940



137.1890, -40.4370, -10.5570

Triad

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



137.8170, -30.7620, -15.1940



147.2080, -5.9170, 13.6270



145.9140, 29.4810, -0.1430

Complementary

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



137.8170, -30.7620, -15.1940



117.1830, 30.7620, 15.1940

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.



147.8530, 31.4510, 8.2110



137.8170, -30.7620, -15.1940



148.6570, 11.8720, 16.1280

Square

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



137.8170, -30.7620, -15.1940



144.4120, -24.3470, 6.2210



148.4320, 25.6270, 14.6430



144.6690, 19.6250, -8.7510

Rectangle

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



137.8170, -30.7620, -15.1940



138.6500, -40.1170, -5.3410



148.4320, 25.6270, 14.6430



146.9790, 30.8560, 2.4720

Sweetspot

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



137.8170, -30.7620, -15.1940



196.9660, -11.8280, -5.9080



135.4490, -9.7150, -27.6910



97.8850, -7.1060, -3.3780



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



137.8170, -30.7620, -15.1940



175.2660, -48.5040, -24.0560



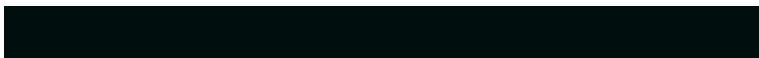
128.3910, -29.0220, -2.6700



76.4940, -4.4470, -2.0070



97.3930, -77.2030, -38.0910



10.2870, -8.2980, -3.8020

Inverse Universe

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



117.1830, 30.7620, 15.1940



142.7340, 48.5040, 24.0560



126.6090, 29.0220, 2.6700



73.6200, 4.1260, 2.3180



45.6070, 77.2030, 38.0910



4.8270, 7.9770, 4.1130

Previews

White Background



This preview shows how the YIQ color 137.8170, -30.7620, -15.1940 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 137.8170, -30.7620, -15.1940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

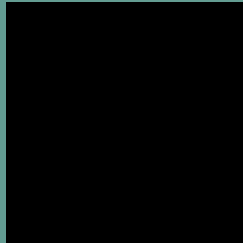
Any Text WCAG AA ✓ Pass

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 137.8170, -30.7620, -15.1940 Background



This preview shows how black text looks on a background with the YIQ color 137.8170, -30.7620, -15.1940.



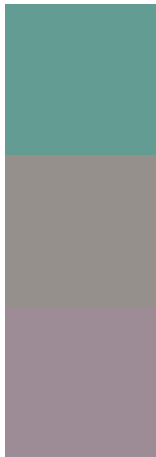
This preview shows how white text looks on a background with the YIQ color 137.8170, -30.7620, -15.1940.

-15.1940.

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

137.8170, -30.7620, -15.1940

Protanopia

144.9250, 4.5850, -0.4950

Deuteranopia

146.1090, 7.2430, 6.4030



Tritanopia

139.7170, -33.0560, -6.6560

Trichromacy



Original Color

137.8170, -30.7620, -15.1940

Protanomaly

142.2330, -8.2060, -5.4700

Deuteranomaly

143.2380, -6.6020, -1.4980

Tritanomaly

138.9080, -32.2760, -9.7800

Monochromacy



Original Color

137.8170, -30.7620, -15.1940

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.2650, -11.2320, -5.6960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.8170, -30.7620, -15.1940 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(99, 156, 146)` looks like.

```
.text, #text, p{  
    color:rgb(99, 156, 146)  
}
```

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(99, 156, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 156, 146) }
```

Border

The CSS property to change the border of an element to YIQ 137.8170, -30.7620, -15.1940 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(99, 156, 146) }
```


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

```
.border{ border-color:rgb(99, 156, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 156, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 156, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 156, 146);  
box-shadow:4px 4px 4px 4px rgb(99, 156,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 137.8170, -30.7620, -15.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 156, 146) }
```

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

```
.background{ background-color: rgb(99, 156,  
146) }
```

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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