

Converting Colors

YIQ(137.0770, -53.9070,
-63.8190)

Have a look what the booklet for
YIQ(137.0770, -53.9070, -63.8190)
contains.

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Color

**YIQ(137.0770, -53.9070,
-63.8190)**

Conversions

Conversions Part 1

Format	Color
Hex	2EC158
RGB	46, 193, 88
RGB Percent	18%, 76%, 35%
CMY	0.8200, 0.2429, 0.6550
CMYK	0.76, 0.00, 0.54, 0.24
HSL	137°, 62%, 47%
HSV	137°, 76%, 76%
XYZ	21.9656, 39.4495, 15.6820
YIQ	137.0770, -53.9070, -63.8190

Conversions

Conversions Part 2

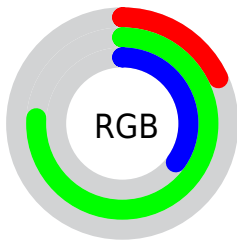
Format	Color
RYB	46, 160, 193
Decimal	3064152
CIELab	69.08, -59.87, 41.85
CIELCh	69, 73.045, 145.049
Yxy	39.4495, 0.2849, 0.5117
Android (android.graphics.Color)	4281254232 (0xFF2EC158)
YUV	137.0770, -24.1950, -79.8745
Hunter-Lab	62.8089, -47.4904, 29.1628

Details

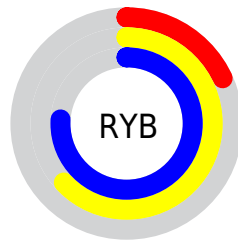
The YIQ color **137.0770, -53.9070, -63.8190** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **101.9230, 53.9070, 63.8190**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.6820, -45.4250, -63.3530**, and **85.2240, -49.8270, -60.6670** is the 20% darker color. If you saturate the color by 10%, you get **129.8000, -60.7370, -72.2010**, and if you desaturate by 10%, it is **144.3540, -47.0770, -55.4370**.

Distribution



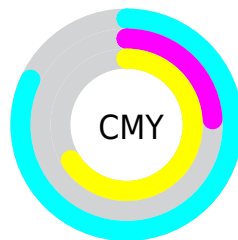
- Red (18%)
- Green (76%)
- Blue (35%)



- Red (18%)
- Yellow (63%)
- Blue (76%)



- Cyan (76%)
- Magenta (0%)
- Yellow (54%)
- Black (24%)



- Cyan (82%)
- Magenta (24%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.0770, -53.9070, -63.8190 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 137.0770, -53.9070, -63.8190 by changing the saturation by 10% instead.

■ 137.0770,
-53.9070, -63.8190

■ 137.0770,
-53.9070, -63.8190

■ 255.0000, -0.0000,
-0.0000

■ 104.0370,
-65.5980, -66.7020

■ 197.6820,
-45.4250, -63.3530

■ 85.2240, -49.8270,
-60.6670

■ 212.0780,
-37.3120, -50.6880

■ 65.9550, -32.7720,
-55.8760

■ 224.2400,
-28.4200, -35.6200

■ 50.4820, -23.6500,
-44.9780

■ 236.4020,
-19.5280, -20.5520

■ 35.8070, -16.7750,
-31.9030

■ 248.9770,
-10.3610, -4.9610

■ 22.3060, -10.4500,
-19.8740

■ 0.0000, 0.0000,

0.0000

■ 137.0770,
-53.9070, -63.8190

■ 137.0770,
-53.9070, -63.8190

■ 129.8000,
-60.7370, -72.2010

■ 144.3540,
-47.0770, -55.4370

■ 122.2240,
-68.1630, -80.7950

■ 151.9300,
-39.6510, -46.8430

■ 119.5610,
-70.7300, -83.8340

■ 159.0930,
-32.5000, -38.7720

■ 166.3700,
-25.6700, -30.3900

■ 173.6470,
-18.8400, -22.0080

■ 181.2230,
-11.4140, -13.4140

■ 188.3860, -4.2630,
-5.3430

■ 195.6630, 2.5670,
3.0390

■ 203.2390, 9.9930,
11.6330

Harmonies

Analogous

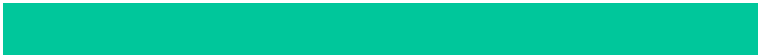
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



153.1640, 29.4910, -55.4130



137.0770, -53.9070, -63.8190



134.4830, -104.4800, -55.8720

Triad

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



137.0770, -53.9070, -63.8190



134.7300, -131.3550, -14.8350



152.9790, 84.7230, 33.9630

Complementary

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



137.0770, -53.9070, -63.8190



101.9230, 53.9070, 63.8190

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.



157.4540, 65.2330, 56.7930



137.0770, -53.9070, -63.8190



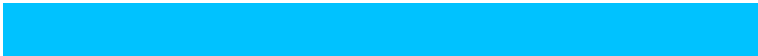
164.2960, -37.7390, 28.6690

Square

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



137.0770, -53.9070, -63.8190



142.9480, -135.2050, -22.1570



172.4670, 28.8280, 61.2760



162.1020, 96.2370, 1.4930

Rectangle

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



137.0770, -53.9070, -63.8190



139.7270, -119.2460, -41.5660



172.4670, 28.8280, 61.2760



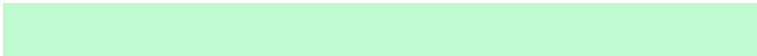
152.4380, 79.3570, 43.1090

Sweetspot

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



137.0770, -53.9070, -63.8190



227.9840, -21.4070, -25.0470



163.6840, 22.1550, -54.6210



111.6850, -12.8350, -15.1950



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



137.0770, -53.9070, -63.8190



163.3600, -83.8860, -98.7180



145.3990, -77.3400, -41.1160



93.2120, -3.7130, -4.2970



99.7510, -59.0410, -69.8970



20.3970, -11.9640, -14.4600

Inverse Universe

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



101.9230, 53.9070, 63.8190



108.7540, 83.5650, 99.0290



93.6010, 77.3400, 41.1160



90.7880, 3.7130, 4.2970



61.2490, 59.0410, 69.8970



12.6030, 11.9640, 14.4600

Previews

White Background



This preview shows how the YIQ color 137.0770, -53.9070, -63.8190 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 137.0770, -53.9070, -63.8190 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 137.0770, -53.9070, -63.8190 Background



This preview shows how black text looks on a background with the YIQ color 137.0770, -53.9070, -63.8190.



This preview shows how white text looks on a background with the YIQ color 137.0770, -53.9070, -63.8190.

-63.8190.

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

137.0770, -53.9070, -63.8190

Protanopia

162.4640, 38.6550, -23.2410

Deuteranopia

165.0880, 46.1260, -9.9540



Tritanopia

154.8920, -61.7100, -15.9980

Trichromacy



Original Color

137.0770, -53.9070, -63.8190



Protanomaly

152.8400, 4.8210, -37.8270



Deuteranomaly

154.7470, 9.8170, -29.2470



Tritanomaly

148.3090, -59.2310, -33.3990

Monochromacy



Original Color

137.0770, -53.9070, -63.8190



Achromatopsia

137.0000, -0.0000, 0.0000



Achromatomaly

136.8210, -19.3900, -23.0540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.0770, -53.9070, -63.8190 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(46, 193, 88)` looks like.

```
.text, #text, p{  
    color:rgb(46, 193, 88)  
}
```

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(46, 193, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 193, 88) }
```

Border

The CSS property to change the border of an element to YIQ 137.0770, -53.9070, -63.8190 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(46, 193, 88) }
```


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

```
.border{ border-color:rgb(46, 193, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 193, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 193, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 193, 88);  
box-shadow:4px 4px 4px 4px rgb(46, 193,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 137.0770, -53.9070, -63.8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 193, 88) }
```

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

```
.background{ background-color: rgb(46, 193,  
88) }
```

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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