

Converting Colors

YIQ(137.3060, -11.5910,
-48.7670)

Have a look what the booklet for
YIQ(137.3060, -11.5910, -48.7670)
contains.

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Color

**YIQ(137.3060, -11.5910,
-48.7670)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 60AC43 |
| RGB | 96, 172, 67 |
| RGB Percent | 38%, 67%, 26% |
| CMY | 0.6238, 0.3254, 0.7372 |
| CMYK | 0.44, 0.00, 0.61, 0.33 |
| HSL | 103°, 44%, 47% |
| HSV | 103°, 61%, 67% |
| XYZ | 20.5892, 32.4059, 10.4814 |
| YIQ | 137.3060, -11.5910, -48.7670 |

Conversions

Conversions Part 2

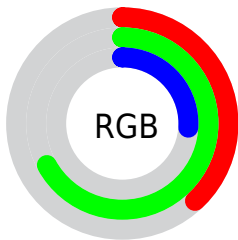
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 67, 172, 143 |
| Decimal | 6335555 |
| CIELab | 63.68, -43.15, 45.71 |
| CIELCh | 64, 62.860, 133.346 |
| Yxy | 32.4059, 0.3244, 0.5105 |
| Android (android.graphics.Color) | 4284525635 (0xFF60AC43) |
| YUV | 137.3060, -34.6609, -36.2254 |
| Hunter-Lab | 56.9261, -35.0604, 28.9317 |

Details

The YIQ color **137.3060, -11.5910, -48.7670** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **101.6940, 11.5910, 48.7670**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.5510, -10.9030, -50.2230**, and **82.7680, -13.0120, -50.5480** is the 20% darker color. If you saturate the color by 10%, you get **131.4810, -13.8820, -56.8100**, and if you desaturate by 10%, it is **142.8320, -9.8960, -40.9360**.

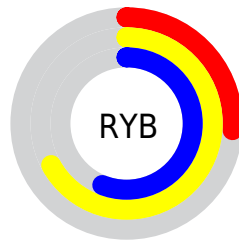
Distribution



Red (38%)

Green (67%)

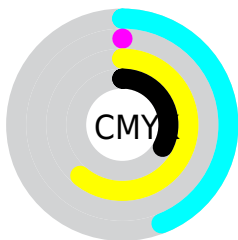
Blue (26%)



Red (26%)

Yellow (67%)

Blue (56%)

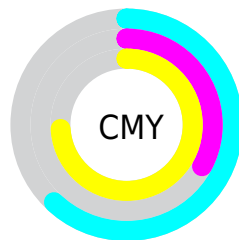


Cyan (44%)

Magenta (0%)

Yellow (61%)

Black (33%)



Cyan (62%)

Magenta (33%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.3060, -11.5910, -48.7670 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 137.3060, -11.5910, -48.7670 by changing the saturation by 10% instead.

■ 137.3060,
-11.5910, -48.7670

■ 137.3060,
-11.5910, -48.7670

■ 255.0000, -0.0000,
-0.0000

■ 110.1210,
-12.5080, -48.6680

■ 192.5510,
-10.9030, -50.2230

■ 82.4690, -13.6080,
-50.7600

■ 220.0350, -9.3900,
-50.1100

■ 55.1780, -25.8500,
-49.1620

■ 231.5990, -1.6900,
-35.4660

■ 40.5030, -18.9750,
-36.0870

■ 243.7610, 7.2020,
-20.3980

■ 27.0020, -12.6500,
-24.0580

■ 252.0360, 8.3460,
-8.0860

■ 12.3270, -5.7750,
-10.9830

■ 0.0000, 0.0000,

0.0000

■ 137.3060,
-11.5910, -48.7670

■ 137.3060,
-11.5910, -48.7670

■ 131.4810,
-13.8820, -56.8100

■ 142.8320, -9.8960,
-40.9360

■ 125.9550,
-15.5770, -64.6410

■ 148.6570, -7.6050,
-32.8930

■ 120.3150,
-16.9510, -72.7830

■ 154.2970, -6.2310,
-24.7510

■ 115.0170,
-19.2880, -79.9920

■ 160.1220, -3.9400,
-16.7080

■ 165.6480, -2.2450,
-8.8770

■ 171.4730, 0.0460,
-0.8340

■ 176.9990, 1.7410,
6.9970

■ 182.9380, 3.7110,
15.3510

■ 188.4640, 5.4060,
23.1820

Harmonies

Analogous

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



144.2940, 41.4090, -40.1190



137.3060, -11.5910, -48.7670



118.7530, -87.7450, -56.2970

Triad

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



137.3060, -11.5910, -48.7670



128.2730, -128.3300, -9.0820



150.4660, 82.1540, 41.9780

Complementary

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



137.3060, -11.5910, -48.7670



101.6940, 11.5910, 48.7670

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.



155.4140, 53.5420, 53.9100



137.3060, -11.5910, -48.7670



144.9050, -70.6110, 18.6770

Square

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



137.3060, -11.5910, -48.7670



130.7060, -122.7800, -21.5640



158.5510, 1.6880, 46.5200



150.4560, 86.9730, 15.2050

Rectangle

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



137.3060, -11.5910, -48.7670



124.3730, -100.8140, -45.2140



158.5510, 1.6880, 46.5200



151.7460, 75.7340, 48.1980

Sweetspot

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



137.3060, -11.5910, -48.7670



210.7690, -4.4440, -18.5880



142.4200, 41.9550, -16.9650



103.8820, -3.0240, -11.2800



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



137.3060, -11.5910, -48.7670



170.1360, -18.0050, -75.7090



131.2570, -36.2580, -47.7620



83.8810, -1.2830, -4.2830



100.3090, -16.8140, -69.7580



15.2950, -2.7490, -10.7570

Inverse Universe

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



101.6940, 11.5910, 48.7670



114.8640, 18.0050, 75.7090



107.7430, 36.2580, 47.7620



80.8200, 0.6870, 4.0710



49.6910, 16.8140, 69.7580



7.7050, 2.7490, 10.7570

Previews

White Background



This preview shows how the YIQ color 137.3060, -11.5910, -48.7670 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 137.3060, -11.5910, -48.7670 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 137.3060, -11.5910, -48.7670 Background



This preview shows how black text looks on a background with the YIQ color 137.3060, -11.5910, -48.7670.



This preview shows how white text looks on a background with the YIQ color 137.3060, -11.5910, -48.7670.

-48.7670.

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

137.3060, -11.5910, -48.7670

Protanopia

148.5950, 39.6640, -25.0080

Deuteranopia

150.7630, 48.4190, -12.9650



Tritanopia

148.7280, -31.5890, -5.7090

Trichromacy



Original Color

137.3060, -11.5910, -48.7670

Protanomaly

144.8590, 21.0050, -33.7710

Deuteranomaly

145.5380, 26.6430, -25.8130

Tritanomaly

144.5370, -24.3420, -21.4140

Monochromacy



Original Color

137.3060, -11.5910, -48.7670

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.2960, -4.4900, -17.7540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.3060, -11.5910, -48.7670 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(96, 172, 67)` looks like.

```
.text, #text, p{  
    color:rgb(96, 172, 67)  
}
```

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(96, 172, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 172, 67) }
```

Border

The CSS property to change the border of an element to YIQ 137.3060, -11.5910, -48.7670 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(96, 172, 67) }
```


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

```
.border{ border-color:rgb(96, 172, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 172, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 172, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 172, 67);  
box-shadow:4px 4px 4px 4px rgb(96, 172,  
67) }
```

Background

The CSS property to change the background color of an element to YIQ 137.3060, -11.5910, -48.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 172, 67) }
```

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

```
.background{ background-color: rgb(96, 172,  
67) }
```

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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