

Converting Colors

YIQ(137.1840, -34.0140,
-33.3580)

Have a look what the booklet for
YIQ(137.1840, -34.0140, -33.3580)
contains.

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Color

**YIQ(137.1840, -34.0140,
-33.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	54A876
RGB	84, 168, 118
RGB Percent	33%, 66%, 46%
CMY	0.6708, 0.3410, 0.5373
CMYK	0.50, 0.00, 0.30, 0.34
HSL	144°, 33%, 49%
HSV	144°, 50%, 66%
XYZ	20.9286, 31.2078, 22.0525
YIQ	137.1840, -34.0140, -33.3580

Conversions

Conversions Part 2

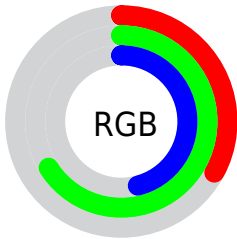
Format	Color
RYB	84, 144, 168
Decimal	5548150
CIELab	62.68, -37.22, 18.21
CIELCh	63, 41.436, 153.934
Yxy	31.2078, 0.2821, 0.4207
Android (android.graphics.Color)	4283738230 (0xFF54A876)
YUV	137.1840, -9.4577, -46.6424
Hunter-Lab	55.8639, -30.8896, 15.6997

Details

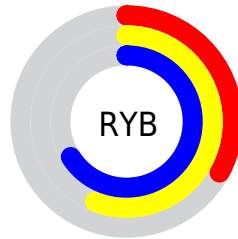
The YIQ color **137.1840, -34.0140, -33.3580** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **114.8160, 34.0140, 33.3580**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.4290, -33.3260, -34.8140**, and **82.8460, -38.8740, -33.3860** is the 20% darker color. If you saturate the color by 10%, you get **130.9610, -40.9360, -40.0720**, and if you desaturate by 10%, it is **143.4070, -27.0920, -26.6440**.

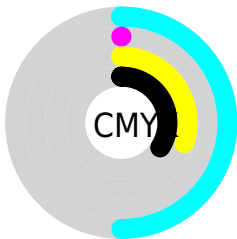
Distribution



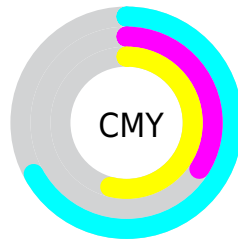
- Red (33%)
- Green (66%)
- Blue (46%)



- Red (33%)
- Yellow (56%)
- Blue (66%)



- Cyan (50%)
- Magenta (0%)
- Yellow (30%)
- Black (34%)



- Cyan (67%)
- Magenta (34%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.1840, -34.0140, -33.3580 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 137.1840, -34.0140, -33.3580 by changing the saturation by 10% instead.

■ 137.1840,
-34.0140, -33.3580

■ 137.1840,
-34.0140, -33.3580

■ 255.0000, -0.0000,
-0.0000

■ 110.1130,
-35.2520, -32.9480

■ 192.4290,
-33.3260, -34.8140

■ 82.8460, -38.8740,
-33.3860

■ 220.7170,
-34.1970, -35.5490

■ 58.1880, -39.8370,
-32.4530

■ 233.7540,
-26.4510, -21.7390

■ 41.5920, -26.1750,
-26.7430

■ 245.6170,
-18.1550, -6.8830

■ 25.2410, -11.8250,
-22.4890

■ 254.4020, -1.1920,
-0.4240

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,

0.0000

■ 137.1840,
-34.0140, -33.3580

■ 137.1840,
-34.0140, -33.3580

■ 130.9610,
-40.9360, -40.0720

■ 143.4070,
-27.0920, -26.6440

■ 124.7380,
-47.8580, -46.7860

■ 149.6300,
-20.1700, -19.9300

■ 118.8140,
-54.1840, -53.2880

■ 155.5540,
-13.8440, -13.4280

■ 112.5910,
-61.1060, -60.0020

■ 161.7770, -6.9220,
-6.7140

■ 106.3680,
-68.0280, -66.7160

■ 168.0000, -0.0000,
-0.0000

■ 174.2230, 6.9220,
6.7140

■ 180.4460, 13.8440,
13.4280

■ 186.3700, 20.1700,
19.9300

■ 192.5930, 27.0920,
26.6440

Harmonies

Analogous

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



143.8220, 5.2320, -28.7520



137.1840, -34.0140, -33.3580



118.0470, -96.7800, -41.2280

Triad

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



137.1840, -34.0140, -33.3580



146.2470, -54.3790, 10.8450



152.2110, 59.9220, 15.3620

Complementary

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



137.1840, -34.0140, -33.3580



114.8160, 34.0140, 33.3580

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.



153.6790, 50.3370, 29.3850



137.1840, -34.0140, -33.3580



154.6010, -10.9170, 27.1550

Square

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



137.1840, -34.0140, -33.3580



121.0060, -114.7570, -18.2850



155.7380, 25.4860, 33.7260



150.6100, 53.6440, -3.0280

Rectangle

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



137.1840, -34.0140, -33.3580



120.3100, -104.5300, -32.9300



155.7380, 25.4860, 33.7260



153.3020, 58.4080, 20.7760

Sweetspot

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



137.1840, -34.0140, -33.3580



206.9670, -13.5690, -12.9050



148.2580, 6.7000, -33.3320



102.6520, -8.0680, -7.9720



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



137.1840, -34.0140, -33.3580



170.9390, -53.0380, -52.0300



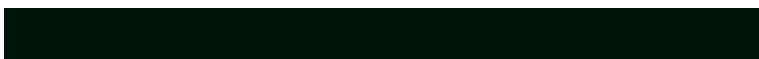
141.9720, -47.4960, -20.2960



81.0380, -3.1630, -3.2510



93.7160, -59.9600, -58.7440



12.6520, -8.0680, -7.9720

Inverse Universe

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



114.8160, 34.0140, 33.3580



136.0610, 53.0380, 52.0300



110.0280, 47.4960, 20.2960



78.9620, 3.1630, 3.2510



54.2840, 59.9600, 58.7440



7.3480, 8.0680, 7.9720

Previews

White Background



This preview shows how the YIQ color 137.1840, -34.0140, -33.3580 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 137.1840, -34.0140, -33.3580 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 137.1840, -34.0140, -33.3580 Background



This preview shows how black text looks on a background with the YIQ color 137.1840, -34.0140, -33.3580.



This preview shows how white text looks on a background with the YIQ color 137.1840, -34.0140,

-33.3580.

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

137.1840, -34.0140, -33.3580

Protanopia

149.6150, 19.7170, -10.4190

Deuteranopia

151.4620, 24.9420, -0.4820



Tritanopia

143.6450, -41.7210, -9.3130

Trichromacy



Original Color

137.1840, -34.0140, -33.3580

Protanomaly

145.1070, 0.4160, -18.5600

Deuteranomaly

146.0630, 3.7160, -12.2840

Tritanomaly

141.6310, -39.1060, -18.1620

Monochromacy



Original Color

137.1840, -34.0140, -33.3580

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.9780, -12.1020, -11.9580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.1840, -34.0140, -33.3580 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(84, 168, 118)` looks like.

```
.text, #text, p{  
    color:rgb(84, 168, 118)  
}
```

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(84, 168, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 168, 118) }
```

Border

The CSS property to change the border of an element to YIQ 137.1840, -34.0140, -33.3580 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(84, 168, 118) }
```


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

```
.border{ border-color:rgb(84, 168, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 168, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 168, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 168, 118);  
box-shadow:4px 4px 4px 4px rgb(84, 168,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 137.1840, -34.0140, -33.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 168, 118) }
```

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

```
.background{ background-color: rgb(84, 168,  
118) }
```

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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