

Converting Colors

YIQ(167.4130, -37.5380,
-68.6260)

Have a look what the booklet for
YIQ(167.4130, -37.5380, -68.6260)
contains.

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Color

**YIQ(167.4130, -37.5380,
-68.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	59DE5C
RGB	89, 222, 92
RGB Percent	35%, 87%, 36%
CMY	0.6514, 0.1292, 0.6392
CMYK	0.60, 0.00, 0.59, 0.13
HSL	121°, 67%, 61%
HSV	121°, 60%, 87%
XYZ	32.1774, 55.1634, 19.0741
YIQ	167.4130, -37.5380, -68.6260

Conversions

Conversions Part 2

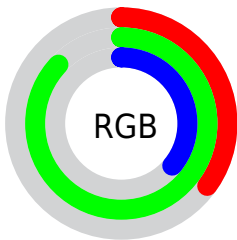
Format	Color
RYB	89, 219, 222
Decimal	5889628
CIELab	79.14, -61.59, 52.12
CIELCh	79, 80.682, 139.761
Yxy	55.1634, 0.3024, 0.5184
Android (android.graphics.Color)	4284079708 (0xFF59DE5C)
YUV	167.4130, -37.1786, -68.7682
Hunter-Lab	74.2721, -52.6434, 36.7640

Details

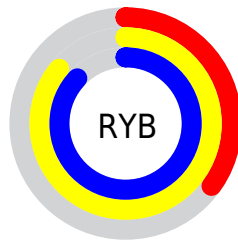
The YIQ color **167.4130, -37.5380, -68.6260** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **143.5870, 37.5380, 68.6260**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **211.4780, -26.9950, -55.9470**, and **101.7740, -57.8480, -75.0000** is the 20% darker color. If you saturate the color by 10%, you get **158.3270, -43.5880, -80.1320**, and if you desaturate by 10%, it is **176.4990, -31.4880, -57.1200**.

Distribution



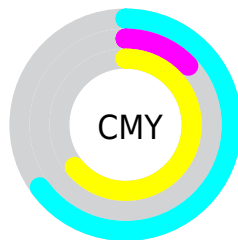
- Red (35%)
- Green (87%)
- Blue (36%)



- Red (35%)
- Yellow (86%)
- Blue (87%)



- Cyan (60%)
- Magenta (0%)
- Yellow (59%)
- Black (13%)



- Cyan (65%)
- Magenta (13%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.4130, -37.5380, -68.6260 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 167.4130, -37.5380, -68.6260 by changing the saturation by 10% instead.

■ 167.4130,
-37.5380, -68.6260

■ 167.4130,
-37.5380, -68.6260

■ 255.0000, -0.0000,
-0.0000

■ 137.4340,
-42.0310, -69.7990

■ 211.4780,
-26.9950, -55.9470

■ 101.7740,
-57.8480, -75.0000

■ 223.5260,
-17.7820, -41.1900

■ 81.0060, -37.9500,
-72.1740

■ 235.8020, -9.2110,
-25.8110

■ 65.7440, -30.8000,
-58.5760

■ 247.9640, -0.3190,
-10.7430

■ 50.4820, -23.6500,
-44.9780

■ 35.8070, -16.7750,
-31.9030

■ 22.3060, -10.4500,

-19.8740

■ 0.0000, 0.0000,
0.0000

■ 167.4130,
-37.5380, -68.6260

■ 167.4130,
-37.5380, -68.6260

■ 158.3270,
-43.5880, -80.1320

■ 176.4990,
-31.4880, -57.1200

■ 149.0560,
-50.5550, -91.5390

■ 185.4710,
-25.1170, -45.9250

■ 139.9700,
-56.6050, -103.0450

■ 194.8560,
-18.4710, -34.2070

■ 130.8840,
-62.6550, -114.5510

■ 203.9420,
-12.4210, -22.7010

■ 212.9140, -6.0500,
-11.5060

■ 222.0000, -0.0000,
0.0000

■ 231.0860, 6.0500,
11.5060

■ 235.6290, 9.0750,
17.2590

Harmonies

Analogous

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



179.6740, 45.3100, -61.2660



167.4130, -37.5380, -68.6260



153.4610, -116.5820, -67.8300

Triad

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



167.4130, -37.5380, -68.6260



153.5140, -140.1550, -31.5710



166.7200, 69.4550, 35.3350

Complementary

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



167.4130, -37.5380, -68.6260



143.5870, 37.5380, 68.6260

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.



174.6830, 45.6550, 59.1830



167.4130, -37.5380, -68.6260



181.5960, -48.0520, 11.8200

Square

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



167.4130, -37.5380, -68.6260



161.7320, -144.0050, -38.8930



195.1260, 28.0500, 53.3460



174.8170, 83.8580, 0.0660

Rectangle

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



167.4130, -37.5380, -68.6260



160.5630, -133.8240, -52.7040



195.1260, 28.0500, 53.3460



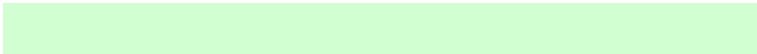
166.6350, 62.8050, 45.7250

Sweetspot

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



167.4130, -37.5380, -68.6260



236.1160, -12.9710, -23.7470



206.2400, 41.5010, -41.7870



116.1370, -8.2960, -14.8560



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



167.4130, -37.5380, -68.6260



179.5780, -52.2050, -94.6770



174.9370, -58.7240, -48.1000



107.4570, -3.0250, -5.7530



103.7680, -49.6840, -90.8040



28.2900, -13.5210, -24.7930

Inverse Universe

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



143.5870, 37.5380, 68.6260



146.5360, 51.8840, 94.9880



136.0630, 58.7240, 48.1000



105.5430, 3.0250, 5.7530



72.2320, 49.6840, 90.8040



19.7100, 13.5210, 24.7930

Previews

White Background



This preview shows how the YIQ color 167.4130, -37.5380, -68.6260 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 167.4130, -37.5380, -68.6260 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 167.4130, -37.5380, -68.6260 Background



This preview shows how black text looks on a background with the YIQ color 167.4130, -37.5380, -68.6260.



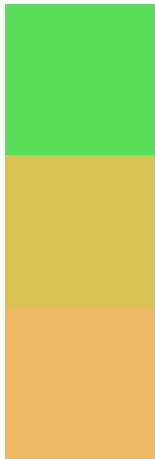
This preview shows how white text looks on a background with the YIQ color 167.4130, -37.5380, -68.6260.

-68.6260.

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

167.4130, -37.5380, -68.6260

Protanopia

188.6250, 48.1470, -30.0690

Deuteranopia

191.3850, 58.2310, -14.5770



Tritanopia

183.9250, -57.3090, -13.1570

Trichromacy



Original Color

167.4130, -37.5380, -68.6260



Protanomaly

181.0830, 17.0180, -44.1180



Deuteranomaly

182.4140, 23.7560, -34.0680



Tritanomaly

177.8000, -50.4280, -33.2440

Monochromacy



Original Color

167.4130, -37.5380, -68.6260



Achromatopsia

167.0000, -0.0000, -0.0000



Achromatomaly

167.2900, -13.5210, -24.7930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.4130, -37.5380, -68.6260 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(89, 222, 92)` looks like.

```
.text, #text, p{  
    color:rgb(89, 222, 92)  
}
```

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(89, 222, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 222, 92) }
```

Border

The CSS property to change the border of an element to YIQ 167.4130, -37.5380, -68.6260 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(89, 222, 92) }
```


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

```
.border{ border-color:rgb(89, 222, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 222, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 222, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 222, 92);  
box-shadow:4px 4px 4px 4px rgb(89, 222,  
92) }
```

Background

The CSS property to change the background color of an element to YIQ 167.4130, -37.5380, -68.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 222, 92) }
```

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

```
.background{ background-color: rgb(89, 222,  
92) }
```

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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