

Converting Colors

YIQ(137.2820, -46.5740,
-48.0300)

Have a look what the booklet for
YIQ(137.2820, -46.5740, -48.0300)
contains.

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Color

**YIQ(137.2820, -46.5740,
-48.0300)**

Conversions

Conversions Part 1

Format	Color
Hex	3FB56B
RGB	63, 181, 107
RGB Percent	25%, 71%, 42%
CMY	0.7533, 0.2900, 0.5805
CMYK	0.65, 0.00, 0.41, 0.29
HSL	142°, 48%, 48%
HSV	142°, 65%, 71%
XYZ	21.2306, 35.1827, 19.5729
YIQ	137.2820, -46.5740, -48.0300

Conversions

Conversions Part 2

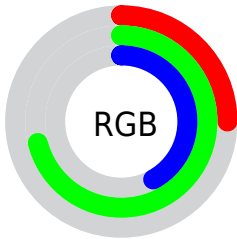
Format	Color
RYB	63, 149, 181
Decimal	4175211
CIELab	65.89, -49.60, 28.32
CIElCh	66, 57.117, 150.280
Yxy	35.1827, 0.2794, 0.4630
Android (android.graphics.Color)	4282365291 (0xFF3FB56B)
YUV	137.2820, -14.9290, -65.1453
Hunter-Lab	59.3150, -39.9108, 21.9558

Details

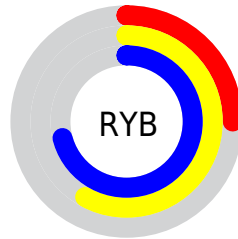
The YIQ color **137.2820, -46.5740, -48.0300** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **106.7180, 46.5740, 48.0300**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **194.6090, -43.1810, -48.9490**, and **81.1610, -53.5430, -48.3830** is the 20% darker color. If you saturate the color by 10%, you get **130.6460, -53.7710, -55.2670**, and if you desaturate by 10%, it is **143.9180, -39.3770, -40.7930**.

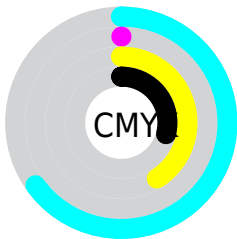
Distribution



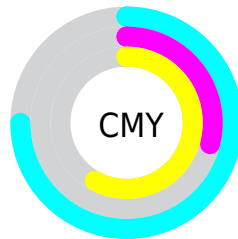
- Red (25%)
- Green (71%)
- Blue (42%)



- Red (25%)
- Yellow (58%)
- Blue (71%)



- Cyan (65%)
- Magenta (0%)
- Yellow (41%)
- Black (29%)



- Cyan (75%)
- Magenta (29%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.2820, -46.5740, -48.0300 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 137.2820, -46.5740, -48.0300 by changing the saturation by 10% instead.


 137.2820,
-46.5740, -48.0300


 137.2820,
-46.5740, -48.0300


255.0000, -0.0000,
-0.0000


 106.9220,
-54.3680, -49.9520


 194.6090,
-43.1810, -48.9490


 81.1610, -53.5430,
-48.3830


 216.3370,
-39.2390, -43.2950


 63.2770, -39.0100,
-41.9380


 228.2000,
-30.9430, -28.4390

 45.9800, -24.7520,
-36.0160

 240.1770,
-22.9680, -13.2720

 30.5240, -14.3000,
-27.1960

 250.5150, -8.9400,
-3.1800

 17.0230, -7.9750,
-15.1670

 0.0000, 0.0000,

0.0000

■ 137.2820,
-46.5740, -48.0300

■ 137.2820,
-46.5740, -48.0300

■ 130.6460,
-53.7710, -55.2670

■ 143.9180,
-39.3770, -40.7930

■ 123.8960,
-60.6470, -62.8150

■ 150.6680,
-32.5010, -33.2450

■ 117.2600,
-67.8440, -70.0520

■ 157.3040,
-25.3040, -26.0080

■ 113.9990,
-71.6030, -73.5150

■ 163.9400,
-18.1070, -18.7710

■ 170.6900,
-11.2310, -11.2230

■ 177.6250, -3.4380,
-3.7740

■ 184.2610, 3.7590,
3.4630

■ 191.0110, 10.6350,
11.0110

■ 197.6470, 17.8320,
18.2480

Harmonies

Analogous

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



149.1520, 12.5700, -40.5980



137.2820, -46.5740, -48.0300



126.7210, -101.9140, -47.3060

Triad

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



137.2820, -46.5740, -48.0300



136.6780, -107.2410, -0.3050



158.1430, 80.9650, 24.9730

Complementary

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



137.2820, -46.5740, -48.0300



106.7180, 46.5740, 48.0300

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.



160.4350, 66.2440, 43.9720



137.2820, -46.5740, -48.0300



162.5260, -23.5270, 35.4250

Square

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



137.2820, -46.5740, -48.0300



132.7580, -128.5580, -15.9660



164.2200, 30.4810, 47.8330



157.2720, 75.1470, -1.7570

Rectangle

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



137.2820, -46.5740, -48.0300



130.7110, -113.1490, -36.4210



164.2200, 30.4810, 47.8330



158.6300, 78.3960, 32.9880

Sweetspot

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



137.2820, -46.5740, -48.0300



217.5270, -18.3820, -19.2940



154.6910, 12.2500, -45.8140



106.6900, -11.2310, -11.2230



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



137.2820, -46.5740, -48.0300



167.1730, -72.1530, -74.5610



143.8940, -65.1920, -29.9920



88.6250, -3.4380, -3.7740



98.1840, -61.5180, -63.5500



17.5760, -10.9100, -11.5340

Inverse Universe

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



106.7180, 46.5740, 48.0300



119.7130, 72.4740, 74.2500



100.1060, 65.1920, 29.9920



86.2610, 3.7590, 3.4630



57.8160, 61.5180, 63.5500



10.4240, 10.9100, 11.5340

Previews

White Background



This preview shows how the YIQ color 137.2820, -46.5740, -48.0300 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 137.2820, -46.5740, -48.0300 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 137.2820, -46.5740, -48.0300 Background



This preview shows how black text looks on a background with the YIQ color 137.2820, -46.5740, -48.0300.



This preview shows how white text looks on a background with the YIQ color 137.2820, -46.5740, -48.0300.

-48.0300.

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

137.2820, -46.5740, -48.0300

Protanopia

156.2320, 27.9250, -16.0030

Deuteranopia

158.7310, 34.2500, -3.9740



Tritanopia

148.4800, -54.5580, -13.4540

Trichromacy



Original Color

137.2820, -46.5740, -48.0300

Protanomaly

149.3100, 0.9220, -27.7340

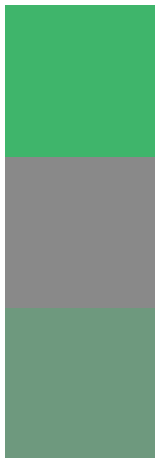
Deuteranomaly

151.0920, 4.7720, -20.4120

Tritanomaly

144.2440, -51.4380, -25.9500

Monochromacy



Original Color

137.2820, -46.5740, -48.0300

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.0650, -16.9610, -17.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.2820, -46.5740, -48.0300 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(63, 181, 107)` looks like.

```
.text, #text, p{  
    color:rgb(63, 181, 107)  
}
```

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(63, 181, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 181, 107) }
```

Border

The CSS property to change the border of an element to YIQ 137.2820, -46.5740, -48.0300 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

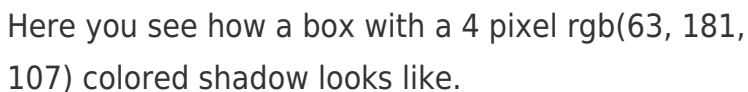
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(63, 181, 107) }
```


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

```
.border{ border-color:rgb(63, 181, 107) }
```

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



Here you see how a box with a 4 pixel `rgb(63, 181, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(63, 181, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(63, 181, 107); box-shadow:4px 4px 4px 4px rgb(63, 181, 107) }
```

Background

The CSS property to change the background color of an element to YIQ 137.2820, -46.5740, -48.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 181, 107) }
```

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

```
.background{ background-color: rgb(63, 181,  
107) }
```

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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