

Converting Colors

YIQ(142.8750, -48.1270,
-80.4710)

Have a look what the booklet for
YIQ(142.8750, -48.1270, -80.4710)
contains.

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Color

**YIQ(142.8750, -48.1270,
-80.4710)**

Conversions

Conversions Part 1

Format	Color
Hex	2FD03B
RGB	47, 208, 59
RGB Percent	18%, 82%, 23%
CMY	0.8162, 0.1840, 0.7687
CMYK	0.77, 0.00, 0.72, 0.18
HSL	125°, 63%, 50%
HSV	125°, 77%, 82%
XYZ	24.5279, 46.0616, 11.7331
YIQ	142.8750, -48.1270, -80.4710

Conversions

Conversions Part 2

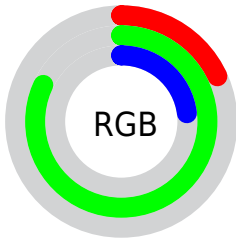
Format	Color
RYB	47, 197, 208
Decimal	3133499
CIELab	73.59, -67.81, 59.28
CIELCh	74, 90.075, 138.839
Yxy	46.0616, 0.2979, 0.5595
Android (android.graphics.Color)	4281323579 (0xFF2FD03B)
YUV	142.8750, -41.3504, -84.0824
Hunter-Lab	67.8687, -54.2599, 37.2581

Details

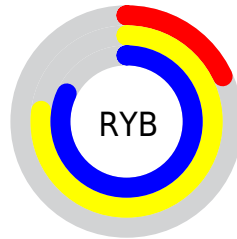
The YIQ color **142.8750, -48.1270, -80.4710** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **112.1250, 48.1270, 80.4710**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.5610, -35.1990, -72.4710**, and **89.2240, -41.8000, -79.4960** is the 20% darker color. If you saturate the color by 10%, you get **134.4300, -54.5440, -90.8320**, and if you desaturate by 10%, it is **151.3200, -41.7100, -70.1100**.

Distribution



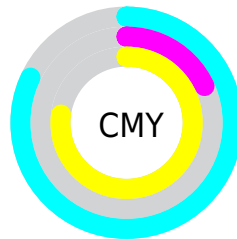
- Red (18%)
- Green (82%)
- Blue (23%)



- Red (18%)
- Yellow (77%)
- Blue (82%)



- Cyan (77%)
- Magenta (0%)
- Yellow (72%)
- Black (18%)



- Cyan (82%)
- Magenta (18%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.8750, -48.1270, -80.4710 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 142.8750, -48.1270, -80.4710 by changing the saturation by 10% instead.

■ 142.8750,
-48.1270, -80.4710

■ 142.8750,
-48.1270, -80.4710

■ 255.0000, -0.0000,
-0.0000

■ 108.7380,
-58.1670, -85.7430

■ 198.5610,
-35.1990, -72.4710

■ 89.2240, -41.8000,
-79.4960

■ 211.0220,
-25.7110, -57.1910

■ 73.3750, -34.3750,
-65.3750

■ 223.4830,
-16.2230, -41.9110

■ 58.1130, -27.2250,
-51.7770

■ 235.9440, -6.7350,
-26.6310

■ 42.8510, -20.0750,
-38.1790

■ 248.5190, 2.4320,
-11.0400

■ 28.7630, -13.4750,
-25.6270

■ 12.3270, -5.7750,

-10.9830

■ 0.0000, 0.0000,
0.0000

■ 142.8750,
-48.1270, -80.4710

■ 142.8750,
-48.1270, -80.4710

■ 134.4300,
-54.5440, -90.8320

■ 151.3200,
-41.7100, -70.1100

■ 125.8710,
-60.6400, -101.5040


■ 159.4660,
-35.8890, -59.9610

■ 123.9200,
-62.3360, -103.8080


■ 168.0250,
-29.7930, -49.2890


■ 176.4700,
-23.3760, -38.9280

■ 184.9150,
-16.9590, -28.5670

 193.3600,
-10.5420, -18.2060

 201.9190, -4.4460,
-7.5340

 210.0650, 1.3750,
2.6150

 218.5100, 7.7920,
12.9760

Harmonies

Analogous

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



163.5230, 47.0530, -65.3230



142.8750, -48.1270, -80.4710



143.4360, -106.2660, -67.5620

Triad

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



142.8750, -48.1270, -80.4710



146.4700, -136.8550, -25.2950



144.8240, 84.2620, 47.8300

Complementary

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



142.8750, -48.1270, -80.4710



112.1250, 48.1270, 80.4710

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.



154.1720, 57.9400, 73.3320



142.8750, -48.1270, -80.4710



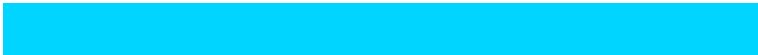
159.3360, -70.7470, 10.1250

Square

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



142.8750, -48.1270, -80.4710



154.1010, -140.4300, -32.0940



180.7060, 29.6530, 62.8450



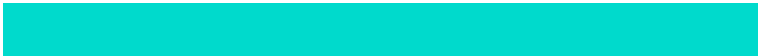
157.5370, 99.4460, 3.9100

Rectangle

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



142.8750, -48.1270, -80.4710



151.2220, -125.4340, -50.5700



180.7060, 29.6530, 62.8450



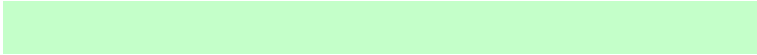
143.7930, 77.5200, 59.8880

Sweetspot

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



142.8750, -48.1270, -80.4710



231.2030, -17.8300, -29.3020



186.3570, 45.1250, -52.4030



113.3600, -10.5420, -18.2060



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.



142.8750, -48.1270, -80.4710



159.1710, -70.9530, -118.3530



151.8810, -73.4860, -55.9020



100.5710, -3.3460, -5.4420



100.0980, -50.3730, -83.8210



24.4090, -12.2380, -20.5100

Inverse Universe

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



112.1250, 48.1270, 80.4710



113.8290, 70.9530, 118.3530



103.1190, 73.4860, 55.9020



98.4290, 3.3460, 5.4420



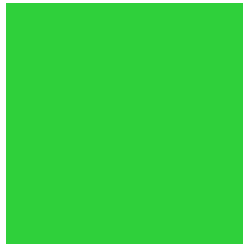
68.0160, 50.0520, 84.1320



16.5910, 12.2380, 20.5100

Previews

White Background



This preview shows how the YIQ color 142.8750, -48.1270, -80.4710 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 142.8750, -48.1270, -80.4710 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 142.8750, -48.1270, -80.4710 Background



This preview shows how black text looks on a background with the YIQ color 142.8750, -48.1270, -80.4710.



This preview shows how white text looks on a background with the YIQ color 142.8750, -48.1270, -80.4710.

-80.4710.

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

142.8750, -48.1270, -80.4710

Protanopia

171.6870, 53.6040, -35.3560

Deuteranopia

174.7890, 62.7250, -18.9310



Tritanopia

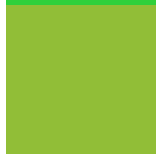
166.2230, -64.1400, -16.0120

Trichromacy



Original Color

142.8750, -48.1270, -80.4710



Protanomaly

161.1550, 16.5150, -51.5250



Deuteranomaly

163.3010, 22.3360, -41.3760



Tritanomaly

157.8050, -57.9920, -39.3360

Monochromacy



Original Color

142.8750, -48.1270, -80.4710



Achromatopsia

143.0000, -0.0000, 0.0000



Achromatomaly

143.0890, -17.5090, -29.6130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.8750, -48.1270, -80.4710 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(47, 208, 59)` looks like.

```
.text, #text, p{  
    color:rgb(47, 208, 59)  
}
```

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(47, 208, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 208, 59) }
```

Border

The CSS property to change the border of an element to YIQ 142.8750, -48.1270, -80.4710 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(47, 208, 59) }
```


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

```
.border{ border-color:rgb(47, 208, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 208, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 208, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 208, 59);  
box-shadow:4px 4px 4px 4px rgb(47, 208,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 142.8750, -48.1270, -80.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 208, 59) }
```

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

```
.background{ background-color: rgb(47, 208,  
59) }
```

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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