

Converting Colors

YIQ(142.8570, -29.3800,
-51.2680)

Have a look what the booklet for
YIQ(142.8570, -29.3800, -51.2680)
contains.

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Color

**YIQ(142.8570, -29.3800,
-51.2680)**

Conversions

Conversions Part 1

Format	Color
Hex	53B858
RGB	83, 184, 88
RGB Percent	33%, 72%, 35%
CMY	0.6748, 0.2783, 0.6549
CMYK	0.55, 0.00, 0.52, 0.28
HSL	123°, 42%, 52%
HSV	123°, 55%, 72%
XYZ	22.4708, 36.8384, 15.1564
YIQ	142.8570, -29.3800, -51.2680

Conversions

Conversions Part 2

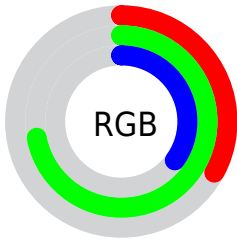
Format	Color
RYB	83, 179, 184
Decimal	5486680
CIELab	67.16, -49.26, 39.72
CIELCh	67, 63.279, 141.119
Yxy	36.8384, 0.3018, 0.4947
Android (android.graphics.Color)	4283676760 (0xFF53B858)
YUV	142.8570, -27.0445, -52.4946
Hunter-Lab	60.6947, -40.1302, 27.6807

Details

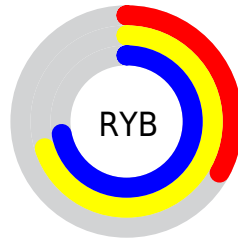
The YIQ color **142.8570, -29.3800, -51.2680** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **124.1430, 29.3800, 51.2680**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **199.2870, -27.7750, -52.8230**, and **83.3330, -42.5840, -54.2640** is the 20% darker color. If you saturate the color by 10%, you get **135.5370, -34.6510, -60.3710**, and if you desaturate by 10%, it is **150.1770, -24.1090, -42.1650**.

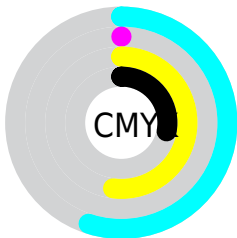
Distribution



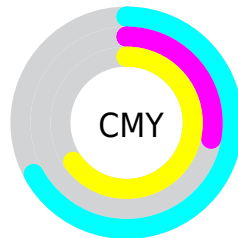
- Red (33%)
- Green (72%)
- Blue (35%)



- Red (33%)
- Yellow (70%)
- Blue (72%)



- Cyan (55%)
- Magenta (0%)
- Yellow (52%)
- Black (28%)



- Cyan (67%)
- Magenta (28%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.8570, -29.3800, -51.2680 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 142.8570, -29.3800, -51.2680 by changing the saturation by 10% instead.

■ 142.8570,
-29.3800, -51.2680

■ 142.8570,
-29.3800, -51.2680

■ 255.0000, -0.0000,
-0.0000

■ 114.8890,
-32.4060, -51.4940

■ 199.2870,
-27.7750, -52.8230

■ 83.3330, -42.5840,
-54.2640

■ 219.2540,
-23.0080, -45.6000

■ 62.1880, -31.8100,
-51.2820

■ 231.1170,
-14.7120, -30.7440

■ 46.3730, -21.7250,
-41.3170

■ 242.9800, -6.4160,
-15.8880

■ 32.2850, -15.1250,
-28.7650

■ 254.6580, 0.9630,
-0.9330

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,

0.0000

■ 142.8570,
-29.3800, -51.2680

■ 142.8570,
-29.3800, -51.2680

■ 135.5370,
-34.6510, -60.3710

■ 150.1770,
-24.1090, -42.1650

■ 127.8040,
-40.1970, -69.9970

■ 157.9100,
-18.5630, -32.5390

■ 120.4840,
-45.4680, -79.1000

■ 165.2300,
-13.2920, -23.4360

■ 112.7510,
-51.0140, -88.7260

■ 172.9630, -7.7460,
-13.8100

■ 109.0340,
-53.4890, -93.4330

■ 180.2830, -2.4750,
-4.7070

■ 187.7170, 2.4750,
4.7070

■ 195.3360, 8.3420,
14.0220

■ 202.7700, 13.2920,
23.4360

■ 210.3890, 19.1590,
32.7510

Harmonies

Analogous

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



152.8410, 29.4430, -43.5250



142.8570, -29.3800, -51.2680



127.9460, -98.4740, -54.5860

Triad

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



142.8570, -29.3800, -51.2680



131.7950, -129.9800, -12.2200



156.9400, 80.4590, 34.1470

Complementary

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



142.8570, -29.3800, -51.2680



124.1430, 29.3800, 51.2680

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.



162.8510, 62.4370, 52.3970



142.8570, -29.3800, -51.2680



159.8220, -45.2120, 26.4360

Square

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



142.8570, -29.3800, -51.2680



137.7960, -131.7210, -19.2170



168.3850, 16.9550, 50.6750



160.0010, 86.5160, 6.9640

Rectangle

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



142.8570, -29.3800, -51.2680



133.0930, -111.5890, -42.6690



168.3850, 16.9550, 50.6750



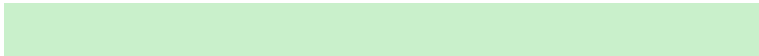
157.2310, 75.5060, 41.3140

Sweetspot

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



142.8570, -29.3800, -51.2680



224.1210, -11.3670, -19.7750



170.9910, 29.4410, -32.4710



110.6150, -6.6460, -11.7180



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



142.8570, -29.3800, -51.2680



175.2450, -46.2930, -80.6690



148.6710, -45.7510, -35.4070



88.2830, -2.4750, -4.7070



92.4840, -45.4680, -79.1000



16.5500, -8.0210, -14.3330

Inverse Universe

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



124.1430, 29.3800, 51.2680



145.7550, 46.2930, 80.6690



118.3290, 45.7510, 35.4070



86.6030, 2.7960, 4.3960



63.5160, 45.4680, 79.1000



11.4500, 8.0210, 14.3330

Previews

White Background



This preview shows how the YIQ color 142.8570, -29.3800, -51.2680 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 142.8570, -29.3800, -51.2680 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 142.8570, -29.3800, -51.2680 Background



This preview shows how black text looks on a background with the YIQ color 142.8570, -29.3800, -51.2680.



This preview shows how white text looks on a background with the YIQ color 142.8570, -29.3800, -51.2680.

-51.2680.

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

142.8570, -29.3800, -51.2680

Protanopia

158.4360, 35.8580, -22.1100

Deuteranopia

160.7180, 44.2920, -9.7560



Tritanopia

154.5630, -44.4260, -9.8500

Trichromacy



Original Color

142.8570, -29.3800, -51.2680



Protanomaly

153.0090, 11.8350, -32.7810



Deuteranomaly

154.5740, 17.7940, -25.1340



Tritanomaly

150.4150, -38.7380, -24.8340

Monochromacy



Original Color

142.8570, -29.3800, -51.2680



Achromatopsia

143.0000, -0.0000, 0.0000



Achromatomaly

142.9470, -10.8170, -18.7290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.8570, -29.3800, -51.2680 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(83, 184, 88)` looks like.

```
.text, #text, p{  
    color:rgb(83, 184, 88)  
}
```

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(83, 184, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 184, 88) }
```

Border

The CSS property to change the border of an element to YIQ 142.8570, -29.3800, -51.2680 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(83, 184, 88) }
```


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

```
.border{ border-color:rgb(83, 184, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 184, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 184, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 184, 88);  
box-shadow:4px 4px 4px 4px rgb(83, 184,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 142.8570, -29.3800, -51.2680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 184, 88) }
```

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

```
.background{ background-color: rgb(83, 184,  
88) }
```

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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