

# Converting Colors

YIQ(131.7070, -28.2370,  
-33.4290)

Have a look what the booklet for  
YIQ(131.7070, -28.2370, -33.4290)  
contains.

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# Color

**YIQ(131.7070, -28.2370,  
-33.4290)**

# Conversions

## Conversions Part 1

Format	Color
Hex	54A16A
RGB	84, 161, 106
RGB Percent	33%, 63%, 42%
CMY	0.6708, 0.3685, 0.5844
CMYK	0.48, 0.00, 0.34, 0.37
HSL	137°, 31%, 48%
HSV	137°, 48%, 63%
XYZ	19.0023, 28.4235, 18.1156
YIQ	131.7070, -28.2370, -33.4290

# Conversions

## Conversions Part 2

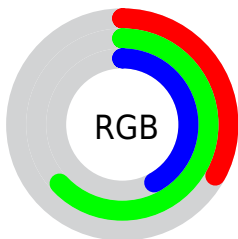
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	84, 144, 161
Decimal	5546346
CIE <sub>Lab</sub>	60.27, -36.38, 21.50
CIE <sub>LCh</sub>	60, 42.259, 149.421
Yxy	28.4235, 0.2899, 0.4337
Android (android.graphics.Color)	4283736426 (0xFF54A16A)
YUV	131.7070, -12.6736, -41.8390
Hunter-Lab	53.3137, -29.6772, 17.1733

# Details


The YIQ color **131.7070, -28.2370, -33.4290** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **113.2930, 28.2370, 33.4290**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.0660, -27.8700, -34.5740**, and **78.9670, -31.9050, -33.0330** is the 20% darker color. If you saturate the color by 10%, you get **125.5550, -33.9210, -40.5530**, and if you desaturate by 10%, it is **137.7450, -22.2320, -26.6160**.

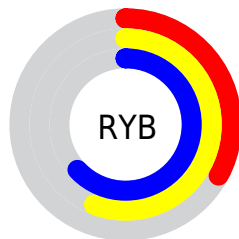
# Distribution



 Red (33%)

 Green (63%)

 Blue (42%)




 Red (33%)

 Yellow (56%)

 Blue (63%)

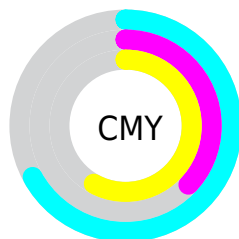


 Cyan (48%)


 Magenta (0%)

 Yellow (34%)

 Black (37%)



 Cyan (67%)

 Magenta (37%)

 Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 131.7070, -28.2370, -33.4290 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 131.7070, -28.2370, -33.4290 by changing the saturation by 10% instead.



■ 131.7070,  
-28.2370, -33.4290

■ 131.7070,  
-28.2370, -33.4290

■ 255.0000, -0.0000,  
-0.0000

■ 105.0490,  
-29.2000, -32.4960

■ 186.0660,  
-27.8700, -34.5740

■ 78.6680, -32.5010,  
-33.2450

■ 214.2400,  
-28.4200, -35.6200

■ 53.4120, -34.6560,  
-32.7360

■ 231.8590,  
-22.5530, -26.3050

■ 36.8160, -20.9940,  
-27.0260

■ 243.5370,  
-15.1740, -11.3500

■ 22.8930, -10.7250,  
-20.3970

■ 254.1030, -1.7880,  
-0.6360

■ 1.1740, -0.5500,  
-1.0460

■ 0.0000, 0.0000,

0.0000

■ 131.7070,  
-28.2370, -33.4290

■ 131.7070,  
-28.2370, -33.4290

■ 125.5550,  
-33.9210, -40.5530

■ 137.7450,  
-22.2320, -26.6160

■ 119.5170,  
-39.9260, -47.3660

■ 143.8970,  
-16.5480, -19.4920

■ 113.3650,  
-45.6100, -54.4900

■ 149.9350,  
-10.5430, -12.6790

■ 107.3270,  
-51.6150, -61.3030

■ 156.0870, -4.8590,  
-5.5550

■ 100.8760,  
-57.8950, -68.6390

■ 162.1250, 1.1460,  
1.2580

■ 99.7510, -59.0410,  
-69.8970

■ 168.5760, 7.4260,  
8.5940

■ 174.6140, 13.4310,  
15.4070

■ 180.7660, 19.1150,  
22.5310

■ 186.8040, 25.1200,  
29.3440

# Harmonies

## Analogous

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



138.4590, 10.6880, -28.5120



131.7070, -28.2370, -33.4290



112.5700, -91.0030, -41.2990

# Triad

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



131.7070, -28.2370, -33.4290



136.0500, -64.1900, 6.9300



145.9060, 59.4630, 18.1750

# Complementary

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



131.7070, -28.2370, -33.4290



113.2930, 28.2370, 33.4290

# 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.



148.0640, 47.8150, 31.0390



131.7070, -28.2370, -33.4290



147.7250, -17.1980, 25.3460

# Square

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



131.7070, -28.2370, -33.4290



117.1590, -110.8140, -18.1580



149.6990, 21.2220, 33.9100



144.8600, 55.9360, -0.5120



# Rectangle

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



131.7070, -28.2370, -33.4290



115.5340, -99.3490, -33.2130



149.6990, 21.2220, 33.9100



146.5840, 57.6740, 23.0660

# Sweetspot

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



131.7070, -28.2370, -33.4290



197.9350, -10.5430, -12.6790



145.6440, 11.6050, -28.6110



98.1360, -6.5550, -7.8590



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



131.7070, -28.2370, -33.4290



163.7290, -43.6390, -51.6630



136.0390, -40.4350, -21.6110



78.6250, -3.4380, -3.7740



89.9030, -53.3570, -62.7730



11.1360, -6.5550, -7.8590



# Inverse Universe

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



113.2930, 28.2370, 33.4290



135.2710, 43.6390, 51.6630



108.9610, 40.4350, 21.6110



76.3750, 3.4380, 3.7740



55.2110, 53.0360, 63.0840



6.8640, 6.5550, 7.8590



# Previews

## White Background



This preview shows how the YIQ color 131.7070, -28.2370, -33.4290 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 131.7070, -28.2370, -33.4290 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 131.7070, -28.2370, -33.4290 Background



This preview shows how black text looks on a background with the YIQ color 131.7070, -28.2370, -33.4290.



This preview shows how white text looks on a background with the YIQ color 131.7070, -28.2370, -33.4290.

-33.4290.

# 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

131.7070, -28.2370, -33.4290

### Protanopia

142.4580, 21.5970, -11.4510

### Deuteranopia

145.0770, 27.4640, -2.1360



## Tritanopia

138.6240, -37.2280, -8.1400

# Trichromacy



## Original Color

131.7070, -28.2370, -33.4290

## Protanomaly

138.5480, 3.4880, -19.1680

## Deuteranomaly

140.2760, 7.4300, -13.5140

## Tritanomaly

136.3820, -33.9710, -17.6110

# Monochromacy



## Original Color

131.7070, -28.2370, -33.4290

## Achromatopsia

132.0000, -0.0000, -0.0000

## Achromatomaly

132.3480, -10.2680, -12.1560

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 131.7070, -28.2370, -33.4290 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, 161, 106)` looks like.

```
.text, #text, p{  
    color:rgb(84, 161, 106)  
}
```

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, 161, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 161, 106) }
```

## Border

The CSS property to change the border of an element to YIQ 131.7070, -28.2370, -33.4290 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, 161, 106) }
```



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

```
.border{ border-color:rgb(84, 161, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 161, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 161, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 161, 106);  
box-shadow:4px 4px 4px 4px rgb(84, 161,  
106) }
```

# Background

The CSS property to change the background color of an element to YIQ 131.7070, -28.2370, -33.4290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 161, 106) }
```

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

```
.background{ background-color: rgb(84, 161,  
106) }
```

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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