

Converting Colors

YIQ(127.2770, -29.8420,
-31.8740)

Have a look what the booklet for
YIQ(127.2770, -29.8420, -31.8740)
contains.

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Color

**YIQ(127.2770, -29.8420,
-31.8740)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9C6A
RGB	79, 156, 106
RGB Percent	31%, 61%, 42%
CMY	0.6904, 0.3881, 0.5844
CMYK	0.49, 0.00, 0.32, 0.39
HSL	141°, 33%, 46%
HSV	141°, 49%, 61%
XYZ	17.7142, 26.4879, 17.8092
YIQ	127.2770, -29.8420, -31.8740

Conversions

Conversions Part 2

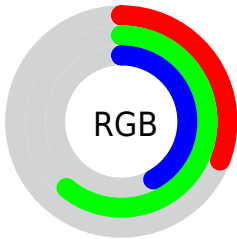
Format	Color
R_{YB}	79, 136, 156
Decimal	5217386
CIE _{Lab}	58.50, -35.50, 19.07
CIE _{LCh}	58, 40.300, 151.763
Yxy	26.4879, 0.2857, 0.4271
Android (android.graphics.Color)	4283407466 (0xFF4F9C6A)
YUV	127.2770, -10.4896, -42.3389
Hunter-Lab	51.4664, -28.6281, 15.5100

Details

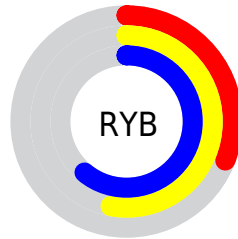
The YIQ color **127.2770, -29.8420, -31.8740** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **107.7230, 29.8420, 31.8740**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.6360, -29.4750, -33.0190**, and **73.9390, -34.7020, -31.9020** is the 20% darker color. If you saturate the color by 10%, you get **121.3530, -36.1680, -38.3760**, and if you desaturate by 10%, it is **133.2010, -23.5160, -25.3720**.

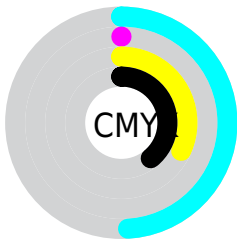
Distribution



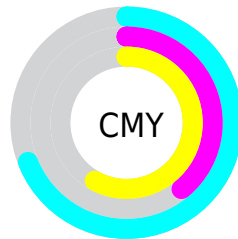
- Red (31%)
- Green (61%)
- Blue (42%)



- Red (31%)
- Yellow (53%)
- Blue (61%)



- Cyan (49%)
- Magenta (0%)
- Yellow (32%)
- Black (39%)



- Cyan (69%)
- Magenta (39%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.2770, -29.8420, -31.8740 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 127.2770, -29.8420, -31.8740 by changing the saturation by 10% instead.

■ 127.2770,
-29.8420, -31.8740

■ 127.2770,
-29.8420, -31.8740

■ 255.0000, -0.0000,
-0.0000

■ 101.2060,
-31.0800, -31.4640

■ 181.6360,
-29.4750, -33.0190

■ 73.9390, -34.7020,
-31.9020

■ 209.8100,
-30.0250, -34.0650

■ 50.4770, -33.2810,
-30.1210

■ 230.0650,
-26.1290, -27.5770

■ 34.5820, -20.2150,
-24.6230

■ 242.0420,
-18.1540, -12.4100

■ 21.1320, -9.9000,
-18.8280

■ 252.3090, -5.3640,
-1.9080

■ 0.0000, 0.0000,
0.0000

■ 127.2770,
-29.8420, -31.8740

■ 127.2770,
-29.8420, -31.8740

■ 121.3530,
-36.1680, -38.3760

■ 133.2010,
-23.5160, -25.3720

■ 115.7280,
-41.8980, -44.6660

■ 138.8260,
-17.7860, -19.0820

■ 109.8040,
-48.2240, -51.1680

■ 144.7500,
-11.4600, -12.5800

■ 104.0650,
-53.6330, -57.7690

■ 150.4890, -6.0510,
-5.9790

■ 98.1410, -59.9590,
-64.2710

■ 156.4130, 0.2750,
0.5230

■ 97.8420, -60.5550,
-64.4830

■ 162.3370, 6.6010,
7.0250

■ 167.9620, 12.3310,
13.3150

■ 173.8860, 18.6570,

19.8170

■ 179.5110, 24.3870,
26.1070

Harmonies

Analogous

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



134.1320, 7.2950, -27.5930



127.2770, -29.8420, -31.8740



109.5210, -89.3070, -38.9950

Triad

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



127.2770, -29.8420, -31.8740



134.2960, -56.0750, 8.5410



141.6560, 57.1710, 15.6590

Complementary

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



127.2770, -29.8420, -31.8740



107.7230, 29.8420, 31.8740

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.



143.2980, 47.0360, 28.6360



127.2770, -29.8420, -31.8740



143.4650, -13.5300, 24.9500

Square

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



127.2770, -29.8420, -31.8740



112.8390, -106.9170, -17.1970



144.8300, 22.2310, 32.1430



140.0660, 52.3600, -1.7840

Rectangle

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



127.2770, -29.8420, -31.8740



112.2570, -97.0110, -31.5310



144.8300, 22.2310, 32.1430



141.7470, 55.6570, 21.0730

Sweetspot

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



127.2770, -29.8420, -31.8740



192.4510, -12.0560, -12.7920



139.1490, 8.6250, -29.6710



95.2500, -6.8760, -7.5480



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



127.2770, -29.8420, -31.8740



159.2280, -46.4820, -49.6980



131.6090, -42.0400, -20.0560



76.0380, -3.1630, -3.2510



89.6410, -55.3750, -59.2390



9.3750, -5.7300, -6.2900

Inverse Universe

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



107.7230, 29.8420, 31.8740



128.7720, 46.4820, 49.6980



103.3910, 42.0400, 20.0560



73.9620, 3.1630, 3.2510



53.3590, 55.3750, 59.2390



5.6250, 5.7300, 6.2900

Previews

White Background



This preview shows how the YIQ color 127.2770, -29.8420, -31.8740 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 127.2770, -29.8420, -31.8740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

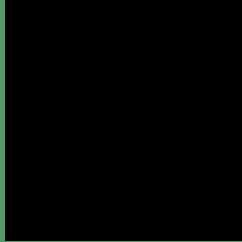
Any Text WCAG AA ✓ Pass

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 127.2770, -29.8420, -31.8740 Background



This preview shows how black text looks on a background with the YIQ color 127.2770, -29.8420, -31.8740.



This preview shows how white text looks on a background with the YIQ color 127.2770, -29.8420, -31.8740.

-31.8740.

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

127.2770, -29.8420, -31.8740

Protanopia

138.6150, 19.7170, -10.4190

Deuteranopia

140.0490, 24.6670, -1.0050



Tritanopia

133.6240, -37.2280, -8.1400

Trichromacy



Original Color

127.2770, -29.8420, -31.8740

Protanomaly

134.7050, 1.6080, -18.1360

Deuteranomaly

135.2480, 4.6330, -12.3830

Tritanomaly

131.6100, -34.6130, -16.9890

Monochromacy



Original Color

127.2770, -29.8420, -31.8740

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.4620, -10.5890, -11.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.2770, -29.8420, -31.8740 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(79, 156, 106)` looks like.

```
.text, #text, p{  
    color:rgb(79, 156, 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(79, 156, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 156, 106) }
```

Border

The CSS property to change the border of an element to YIQ 127.2770, -29.8420, -31.8740 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(79, 156, 106) }
```


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

```
.border{ border-color:rgb(79, 156, 106) }
```

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

Here you see how a box with a 4 pixel rgb(79, 156, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 156, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 156, 106);  
box-shadow:4px 4px 4px 4px rgb(79, 156,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 127.2770, -29.8420, -31.8740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 156, 106) }
```

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

```
.background{ background-color: rgb(79, 156,  
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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