

# Converting Colors

YIQ(127.4980, 14.9520,  
-28.6960)

Have a look what the booklet for  
YIQ(127.4980, 14.9520, -28.6960)  
contains.

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# Color

**YIQ(127.4980, 14.9520,  
-28.6960)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C8E3E
RGB	124, 142, 62
RGB Percent	49%, 56%, 24%
CMY	0.5138, 0.4431, 0.7567
CMYK	0.13, 0.00, 0.56, 0.44
HSL	74°, 39%, 40%
HSV	74°, 56%, 56%
XYZ	18.8532, 23.9797, 8.1967
YIQ	127.4980, 14.9520, -28.6960

# Conversions

## Conversions Part 2

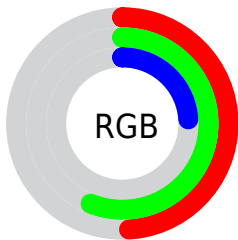
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 142, 80
Decimal	8162878
CIELab	56.07, -19.04, 39.81
CIELCh	56, 44.124, 115.559
Yxy	23.9797, 0.3695, 0.4699
Android (android.graphics.Color)	4286352958 (0xFF7C8E3E)
YUV	127.4980, -32.2905, -3.0677
Hunter-Lab	48.9690, -16.9728, 24.3540

# Details

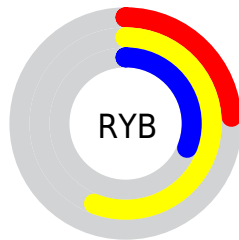
The YIQ color  $127.4980, 14.9520, -28.6960$  is a dark color, and the websafe version is hex  $999933$ . A complement of this color would be  $76.5020, -14.9520, 28.6960$ , and the grayscale version is  $128.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $181.0420, 16.2360, -29.9400$ , and  $76.9710, 14.9980, -29.5300$  is the 20% darker color. If you saturate the color by 10%, you get  $125.0050, 17.6580, -33.6860$ , and if you desaturate by 10%, it is  $129.9910, 12.2460, -23.7060$ .

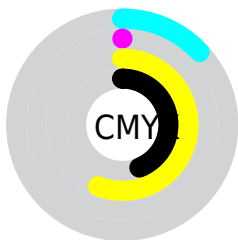
# Distribution



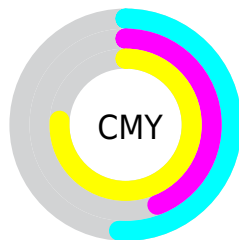
- Red (49%)
- Green (56%)
- Blue (24%)



- Red (24%)
- Yellow (56%)
- Blue (31%)



- Cyan (13%)
- Magenta (0%)
- Yellow (56%)
- Black (44%)



- Cyan (51%)
- Magenta (44%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 127.4980, 14.9520, -28.6960 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 127.4980, 14.9520, -28.6960 by changing the saturation by 10% instead.



127.4980, 14.9520,  
-28.6960

127.4980, 14.9520,  
-28.6960

255.0000, -0.0000,  
-0.0000

101.6120, 14.6310,  
-28.3850

181.0420, 16.2360,  
-29.9400

76.9710, 14.9980,  
-29.5300

208.8140, 16.8780,  
-30.5620

54.5670, 10.5040,  
-25.1760

236.9990, 17.7950,  
-30.6610

34.1780, 1.6540,  
-18.9700

247.9320, 19.9020,  
-19.2820

15.8490, -7.4250,  
-14.1210

251.1240, 10.9140,  
-10.5740

0.0000, 0.0000,  
0.0000

254.4300, 1.6050,

-1.5550

■ 127.4980, 14.9520,  
-28.6960

■ 127.4980, 14.9520,  
-28.6960

■ 125.0050, 17.6580,  
-33.6860

■ 129.9910, 12.2460,  
-23.7060

■ 122.5120, 20.3640,  
-38.6760

■ 132.4840, 9.5400,  
-18.7160

■ 119.6060, 22.7950,  
-44.1890

■ 135.3900, 7.1090,  
-13.2030

■ 117.1130, 25.5010,  
-49.1790

■ 137.8830, 4.4030,  
-8.2130

■ 116.2440, 26.5100,  
-50.9460

■ 140.3760, 1.6970,  
-3.2230

■ 142.8690, -1.0090,  
1.7670

■ 145.3620, -3.7150,  
6.7570

■ 148.2680, -6.1460,  
12.2700

■ 150.7610, -8.8520,  
17.2600

# Harmonies

## Analogous

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



131.0180, 43.1470, -16.5410



127.4980, 14.9520, -28.6960



120.9200, -24.5230, -34.6590

# Triad

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



127.4980, 14.9520, -28.6960



109.9210, -104.2120, -16.6600



136.4600, 46.7600, 33.6400

# Complementary

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



127.4980, 14.9520, -28.6960



76.5020, -14.9520, 28.6960

# 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.



138.6600, 16.9580, 34.0940



127.4980, 14.9520, -28.6960



118.7920, -81.1990, 1.3050

# Square

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



127.4980, 14.9520, -28.6960



108.7350, -95.3610, -28.3930



136.0770, -24.1210, 24.1590



134.0850, 60.5170, 21.1010



# Rectangle

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



127.4980, 14.9520, -28.6960



108.4880, -67.3450, -40.5370



136.0770, -24.1210, 24.1590



137.3220, 38.4610, 35.3650

# Sweetspot

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



127.4980, 14.9520, -28.6960



178.2590, 6.1000, -11.4360



95.8990, 43.0050, 8.0690



88.6380, 3.7150, -6.7570



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000



# Same Dimension

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



127.4980, 14.9520, -28.6960



161.0790, 22.8410, -45.0230



115.8370, -8.2920, -36.9640



69.9030, 1.6510, -2.3890



110.6400, 25.4550, -48.3450



6.4900, 1.3760, -2.9120



# Inverse Universe

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



76.5020, -14.9520, 28.6960



81.6220, -23.4370, 44.8110



88.1630, 8.2920, 36.9640



65.3960, -1.0550, 2.6010



24.3600, -25.4550, 48.3450



1.5100, -1.3760, 2.9120



# Previews

## White Background



This preview shows how the YIQ color 127.4980, 14.9520, -28.6960 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 127.4980, 14.9520, -28.6960 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 127.4980, 14.9520, -28.6960

## Background



This preview shows how black text looks on a background with the YIQ color 127.4980, 14.9520, -28.6960.



This preview shows how white text looks on a background with the YIQ color 127.4980, 14.9520,

-28.6960.

# 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

127.4980, 14.9520, -28.6960

### Protanopia

130.0490, 32.6940, -19.8340

### Deuteranopia

131.9950, 41.9540, -11.4380



## Tritanopia

134.2540, -3.5310, 3.4210

# Trichromacy



## Original Color

127.4980, 14.9520, -28.6960

## Protanomaly

129.2330, 26.1840, -23.0000

## Deuteranomaly

130.3310, 31.9600, -17.5440

## Tritanomaly

131.6980, 3.4860, -8.1140

# Monochromacy



## Original Color

127.4980, 14.9520, -28.6960

## Achromatopsia

127.0000, -0.0000, -0.0000

## Achromatomaly

126.9000, 5.7330, -10.2910

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 127.4980, 14.9520, -28.6960 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(124, 142, 62)` looks like.

```
.text, #text, p{  
    color:rgb(124, 142, 62)  
}
```

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(124, 142, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 142, 62) }
```

## Border

The CSS property to change the border of an element to YIQ 127.4980, 14.9520, -28.6960 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(124, 142, 62) }
```



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

```
.border{ border-color:rgb(124, 142, 62) }
```

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

Here you see how a box with a 4 pixel rgb(124, 142, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 142, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 142, 62);  
box-shadow:4px 4px 4px 4px rgb(124, 142,  
62) }
```

# Background

The CSS property to change the background color of an element to YIQ 127.4980, 14.9520, -28.6960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 142, 62) }
```

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

```
.background{ background-color: rgb(124,  
142, 62) }
```

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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