

# Converting Colors

YIQ(160.5980, 0.0510, -28.4690)

Have a look what the booklet for  
YIQ(160.5980, 0.0510, -28.4690)  
contains.

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# Color

**YIQ(160.5980, 0.0510,  
-28.4690)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FB370
RGB	143, 179, 112
RGB Percent	56%, 70%, 44%
CMY	0.4393, 0.2980, 0.5607
CMYK	0.20, 0.00, 0.37, 0.30
HSL	92°, 31%, 57%
HSV	92°, 37%, 70%
XYZ	30.3705, 39.2531, 21.3090
YIQ	160.5980, 0.0510, -28.4690

# Conversions

## Conversions Part 2

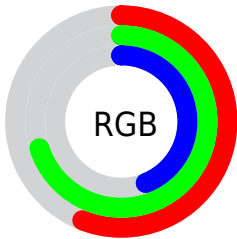
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 179, 148
Decimal	9417584
CIELab	68.93, -24.27, 30.32
CIElCh	69, 38.836, 128.672
Yxy	39.2531, 0.3340, 0.4317
Android (android.graphics.Color)	4287607664 (0xFF8FB370)
YUV	160.5980, -23.9588, -15.4334
Hunter-Lab	62.6523, -23.1141, 23.6911

# Details

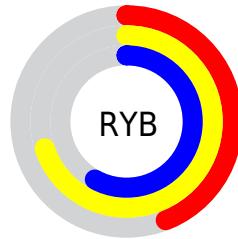
The YIQ color **160.5980, 0.0510, -28.4690** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **130.4020, -0.0510, 28.4690**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.8430, 0.7390, -29.9250**, and **108.3530, -0.6370, -27.0130** is the 20% darker color. If you saturate the color by 10%, you get **155.5560, -0.1310, -36.1870**, and if you desaturate by 10%, it is **165.6400, 0.2330, -20.7510**.

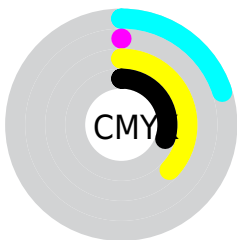
# Distribution



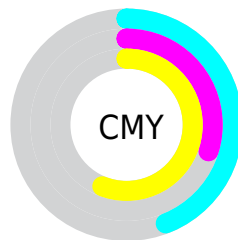
- Red (56%)
- Green (70%)
- Blue (44%)



- Red (44%)
- Yellow (70%)
- Blue (58%)



- Cyan (20%)
- Magenta (0%)
- Yellow (37%)
- Black (30%)



- Cyan (44%)
- Magenta (30%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 160.5980, 0.0510, -28.4690 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 160.5980, 0.0510, -28.4690 by changing the saturation by 10% instead.



 160.5980, 0.0510,  
-28.4690

 160.5980, 0.0510,  
-28.4690


255.0000, -0.0000,  
-0.0000


 134.1250, 0.0050,  
-27.6350


 215.8430, 0.7390,  
-29.9250


 108.3530, -0.6370,  
-27.0130


 239.1470, 2.9390,  
-25.7410


 83.5810, -1.2790,  
-26.3910

 251.0100, 11.2350,  
-10.8850

 59.5810, -1.2790,  
-26.3910

 254.3160, 1.9260,  
-1.8660

 37.6780, -2.9300,  
-24.0020

 19.3710, -9.0750,  
-17.2590

 0.0000, 0.0000,

0.0000

■ 160.5980, 0.0510,  
-28.4690

■ 160.5980, 0.0510,  
-28.4690

■ 155.5560, -0.1310,  
-36.1870

■ 165.6400, 0.2330,  
-20.7510

■ 150.8130, 0.2830,  
-43.6930

■ 170.3830, -0.1810,  
-13.2450

■ 145.7710, 0.1010,  
-51.4110

■ 175.4250, 0.0010,  
-5.5270

■ 140.7290, -0.0810,  
-59.1290

■ 180.1680, -0.4130,  
1.9790

■ 136.1000, 0.0120,  
-66.3240

■ 185.2100, -0.2310,  
9.6970

■ 131.0580, -0.1700,  
-74.0420

■ 190.1380, 0.2720,  
17.1040

■ 129.8900, 0.2430,  
-76.0210

■ 194.8810, -0.1420,  
24.6100

■ 199.9230, 0.0400,  
32.3280

■ 202.9130, 6.0000,  
34.4480

# Harmonies

## Analogous

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



164.4940, 29.9430, -19.5370



160.5980, 0.0510, -28.4690



154.2700, -37.1320, -31.9160

# Triad

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



160.5980, 0.0510, -28.4690



151.9670, -83.4900, -6.7380



171.4570, 50.8420, 25.7380

# Complementary

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



160.5980, 0.0510, -28.4690



130.4020, -0.0510, 28.4690

# 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.



172.8370, 29.5210, 32.1850



160.5980, 0.0510, -28.4690



165.4010, -43.0090, 14.0390

# Square

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



160.5980, 0.0510, -28.4690



132.6490, -118.6060, -31.1340



171.7220, -3.9480, 27.5080



169.4340, 57.6760, 12.0120



# Rectangle

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



160.5980, 0.0510, -28.4690



147.7150, -66.2460, -32.9180



171.7220, -3.9480, 27.5080



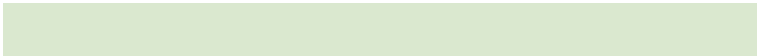
171.9280, 45.2020, 28.8340

# Sweetspot

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



160.5980, 0.0510, -28.4690



224.9640, -0.3190, -10.7430



153.1650, 30.0320, -4.6240



112.8980, 0.0470, -6.3610



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000



# Same Dimension

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



160.5980, 0.0510, -28.4690



203.4000, 0.0080, -44.2160



151.5570, -19.0670, -34.4190



86.4790, -0.0910, -3.8590



111.0400, 0.2410, -64.9670



18.8500, 0.0020, -11.0540



# Inverse Universe

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



130.4020, -0.0510, 28.4690



156.6000, -0.0080, 44.2160



139.4430, 19.0670, 34.4190



82.5210, 0.0910, 3.8590



41.9600, -0.2410, 64.9670



7.1500, -0.0020, 11.0540



# Previews

## White Background



This preview shows how the YIQ color 160.5980, 0.0510, -28.4690 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 160.5980, 0.0510, -28.4690 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

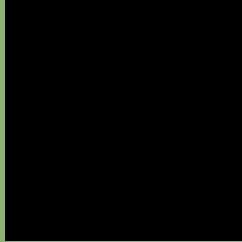
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 160.5980, 0.0510, -28.4690

## Background



This preview shows how black text looks on a background with the YIQ color 160.5980, 0.0510, -28.4690.



This preview shows how white text looks on a background with the YIQ color 160.5980, 0.0510,

-28.4690.

# 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

160.5980, 0.0510, -28.4690

### Protanopia

165.6450, 28.2000, -15.4800

### Deuteranopia

167.5310, 37.6890, -5.7270



## Tritanopia

166.8120, -14.0300, 0.9620

# Trichromacy



## Original Color

160.5980, 0.0510, -28.4690

## Protanomaly

163.6220, 17.8390, -20.4410

## Deuteranomaly

165.2470, 23.5690, -14.1510

## Tritanomaly

164.4130, -8.8930, -9.5410

# Monochromacy



## Original Color

160.5980, 0.0510, -28.4690

## Achromatopsia

161.0000, -0.0000, -0.0000

## Achromatomaly

160.9640, -0.3190, -10.7430

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 160.5980, 0.0510, -28.4690 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(143, 179, 112)` looks like.

```
.text, #text, p{  
    color:rgb(143, 179, 112)  
}
```

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(143, 179, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 179, 112) }
```

## Border

The CSS property to change the border of an element to YIQ 160.5980, 0.0510, -28.4690 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(143, 179, 112) }
```



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

```
.border{ border-color:rgb(143, 179, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 179, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 179, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 179, 112);  
box-shadow:4px 4px 4px 4px rgb(143, 179,  
112) }
```

# Background

The CSS property to change the background color of an element to YIQ 160.5980, 0.0510, -28.4690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 179, 112) }
```

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

```
.background{ background-color: rgb(143,  
179, 112) }
```

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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