

# Converting Colors

YIQ(137.5860, 18.6610, -2.2910)

Have a look what the booklet for  
YIQ(137.5860, 18.6610, -2.2910)  
contains.

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# Color

**YIQ(137.5860, 18.6610,  
-2.2910)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A8671
RGB	154, 134, 113
RGB Percent	60%, 53%, 44%
CMY	0.3960, 0.4745, 0.5568
CMYK	0.00, 0.13, 0.27, 0.40
HSL	31°, 17%, 52%
HSV	31°, 27%, 60%
XYZ	24.8340, 25.1115, 19.1677
YIQ	137.5860, 18.6610, -2.2910

# Conversions

## Conversions Part 2

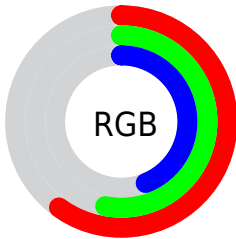
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 154, 113
Decimal	10126961
CIE <sub>Lab</sub>	57.18, 4.20, 14.09
CIE <sub>LCh</sub>	57, 14.702, 73.399
Yxy	25.1115, 0.3593, 0.3633
Android (android.graphics.Color)	4288317041 (0xFF9A8671)
YUV	137.5860, -12.1209, 14.3951
Hunter-Lab	50.1114, 0.7652, 12.3994

# Details

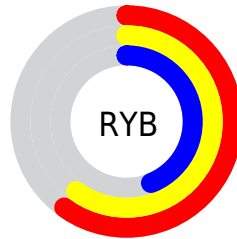
The YIQ color **137.5860, 18.6610, -2.2910** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **129.4140, -18.6610, 2.2910**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **191.0700, 20.1740, -2.1780**, and **87.2160, 16.8270, -2.0930** is the 20% darker color. If you saturate the color by 10%, you get **131.1800, 25.6760, -2.7720**, and if you desaturate by 10%, it is **143.9920, 11.6460, -1.8100**.

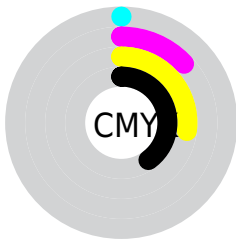
# Distribution



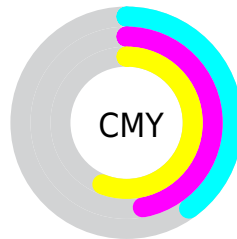
- Red (60%)
- Green (53%)
- Blue (44%)



- Red (60%)
- Yellow (60%)
- Blue (44%)



- Cyan (0%)
- Magenta (13%)
- Yellow (27%)
- Black (40%)




- Cyan (40%)
- Magenta (47%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 137.5860, 18.6610, -2.2910 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 137.5860, 18.6610, -2.2910 by changing the saturation by 10% instead.





 137.5860, 18.6610,  
-2.2910


 137.5860, 18.6610,  
-2.2910


255.0000, -0.0000,  
-0.0000


 112.4010, 17.7440,  
-2.1920


 191.0700, 20.1740,  
-2.1780


 87.2160, 16.8270,  
-2.0930


 218.9560, 20.4950,  
-2.4890

 64.0310, 15.9100,  
-1.9940

 243.9660, 14.5350,  
-4.6090

 42.1340, 14.1220,  
-2.6300

 254.2020, 2.2470,  
-2.1770

 21.0200, 14.4430,  
-2.9410

 0.0000, 0.0000,  
0.0000

■ 137.5860, 18.6610,  
-2.2910

■ 137.5860, 18.6610,  
-2.2910

■ 131.1800, 25.6760,  
-2.7720

■ 143.9920, 11.6460,  
-1.8100

■ 125.2470, 32.7370,  
-4.0870

■ 149.9250, 4.5850,  
-0.4950

■ 118.8410, 39.7520,  
-4.5680

■ 156.3310, -2.4300,  
-0.0140

■ 112.9080, 46.8130,  
-5.8830

■ 162.2640, -9.4910,  
1.3010

■ 106.5020, 53.8280,  
-6.3640

■ 168.6700,  
-16.5060, 1.7820

■ 100.6830, 60.5680,  
-7.3680

■ 174.4890,  
-23.2460, 2.7860

■ 94.1630, 67.9040,  
-8.1600

■ 181.0090,  
-30.5820, 3.5780

■ 92.4190, 70.0590,

■ 186.8280,

-8.6690

-37.3220, 4.5820

■ 193.3480,  
-44.6580, 5.3740

# Harmonies

## Analogous

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



138.4280, 22.2820, 3.6740



137.5860, 18.6610, -2.2910



135.9330, 10.1340, -7.4500

# Triad

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



137.5860, 18.6610, -2.2910



132.5130, -23.7940, -9.3140



139.2210, 1.2360, 10.6440

# Complementary

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



137.5860, 18.6610, -2.2910



129.4140, -18.6610, 2.2910

# 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.



137.1700, -11.9220, 6.8140



137.5860, 18.6610, -2.2910



133.1800, -27.0500, -5.3700

# Square

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



137.5860, 18.6610, -2.2910



133.1350, -13.9820, -10.9260



135.2070, -22.5120, 0.4960



139.7940, 12.7440, 11.3360



# Rectangle

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



137.5860, 18.6610, -2.2910



135.4590, 2.6610, -9.6830



135.2070, -22.5120, 0.4960



138.9430, -3.8530, 9.2590

# Sweetspot

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



137.5860, 18.6610, -2.2910



195.0670, 7.0610, -1.3150



127.6530, 17.6950, 15.2230



97.9250, 4.5850, -0.4950



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.



137.5860, 18.6610, -2.2910



175.5070, 29.0690, -3.6910



149.3260, 13.1610, -12.7510



73.7400, 3.6680, -0.3960



84.1240, 63.6400, -7.9760



7.9960, 5.8230, -0.9050



# Inverse Universe

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



129.4140, -18.6610, 2.2910



162.4930, -29.0690, 3.6910



117.6740, -13.1610, 12.7510



72.2600, -3.6680, 0.3960



55.8760, -63.6400, 7.9760



5.0040, -5.8230, 0.9050



# Previews

## White Background



This preview shows how the YIQ color 137.5860, 18.6610, -2.2910 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 137.5860, 18.6610, -2.2910 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

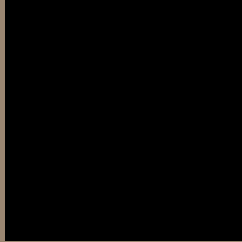
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 137.5860, 18.6610, -2.2910

## Background



This preview shows how black text looks on a background with the YIQ color 137.5860, 18.6610, -2.2910.



This preview shows how white text looks on a background with the YIQ color 137.5860, 18.6610,

-2.2910.

# 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

137.5860, 18.6610, -2.2910

### Protanopia

136.8840, 11.8300, -5.1460

### Deuteranopia

137.9070, 22.1910, -0.1850



## Tritanopia

139.2130, 12.8820, 8.8340

# Trichromacy



## Original Color

137.5860, 18.6610, -2.2910

## Protanomaly

137.0800, 14.2140, -4.2980

## Deuteranomaly

137.8960, 20.7240, -1.1320

## Tritanomaly

138.3610, 15.2210, 4.9890

# Monochromacy



## Original Color

137.5860, 18.6610, -2.2910

## Achromatopsia

138.0000, -0.0000, -0.0000

## Achromatomaly

138.1810, 6.7400, -1.0040

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 137.5860, 18.6610, -2.2910 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(154, 134, 113)` looks like.

```
.text, #text, p{  
    color:rgb(154, 134, 113)  
}
```

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(154, 134, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 134, 113) }
```

## Border

The CSS property to change the border of an element to YIQ 137.5860, 18.6610, -2.2910 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(154, 134, 113) }
```



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

```
.border{ border-color:rgb(154, 134, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 134, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 134, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 134, 113);  
box-shadow:4px 4px 4px 4px rgb(154, 134,  
113) }
```

# Background

The CSS property to change the background color of an element to YIQ 137.5860, 18.6610, -2.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 134, 113) }
```

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

```
.background{ background-color: rgb(154,  
134, 113) }
```

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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