

# Converting Colors

YIQ(167.9130, 57.5850, 8.1530)

Have a look what the booklet for  
YIQ(167.9130, 57.5850, 8.1530)  
contains.

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# Color

**YIQ(167.9130, 57.5850,  
8.1530)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E49376
RGB	228, 147, 118
RGB Percent	89%, 58%, 46%
CMY	0.1057, 0.4236, 0.5370
CMYK	0.00, 0.36, 0.48, 0.11
HSL	16°, 67%, 68%
HSV	16°, 48%, 89%
XYZ	45.7113, 38.6676, 22.2138
YIQ	167.9130, 57.5850, 8.1530

# Conversions

## Conversions Part 2

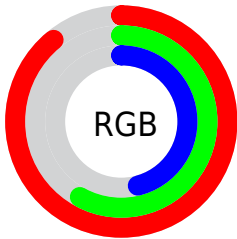
Format	Color
R <sub>Y</sub> B	228, 157, 118
Decimal	14979958
CIE Lab	68.51, 27.47, 27.97
CIE LCh	69, 39.205, 45.511
Yxy	38.6676, 0.4288, 0.3628
Android (android.graphics.Color)	4293170038 (0xFFE49376)
YUV	167.9130, -24.6071, 52.6963
Hunter-Lab	62.1833, 22.3956, 22.3480

# Details

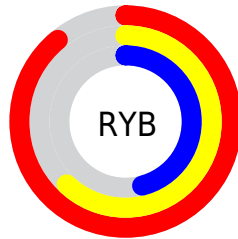
The YIQ color **167.9130, 57.5850, 8.1530** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **178.0870, -57.5850, -8.1530**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.1990, 41.8600, 1.2840**, and **114.7490, 52.1750, 7.0790** is the 20% darker color. If you saturate the color by 10%, you get **155.3120, 69.6430, 9.8910**, and if you desaturate by 10%, it is **180.5140, 45.5270, 6.4150**.

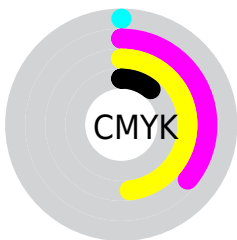
# Distribution



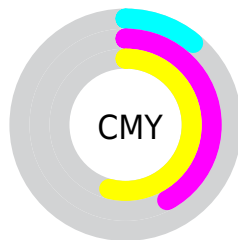
- Red (89%)
- Green (58%)
- Blue (46%)



- Red (89%)
- Yellow (62%)
- Blue (46%)



- Cyan (0%)
- Magenta (36%)
- Yellow (48%)
- Black (11%)




- Cyan (11%)
- Magenta (42%)
- Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 167.9130, 57.5850, 8.1530 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 167.9130, 57.5850, 8.1530 by changing the saturation by 10% instead.




 167.9130, 57.5850,  
8.1530

 167.9130, 57.5850,  
8.1530


255.0000, -0.0000,  
-0.0000

 141.1300, 55.4760,  
7.8280


 214.1990, 41.8600,  
1.2840


 114.7490, 52.1750,  
7.0790


 233.8270, 25.1720,  
-4.6520

 89.1940, 49.4240,  
7.3760

 251.6940, 9.3090,  
-9.0190

 64.2260, 46.3980,  
7.1500

 39.8020, 44.6560,  
5.6800

 18.2280, 34.8890,  
11.9850

 10.5790, 20.5390,

7.7310

■ 0.0000, 0.0000,  
0.0000

■ 167.9130, 57.5850,  
8.1530

■ 167.9130, 57.5850,  
8.1530

■ 155.3120, 69.6430,  
9.8910

■ 180.5140, 45.5270,  
6.4150

■ 142.7110, 81.7010,  
11.6290

■ 193.1150, 33.4690,  
4.6770

■ 130.8110, 93.1630,  
13.1550

■ 205.0150, 22.0070,  
3.1510

■ 118.2100,  
105.2210, 14.8930

■ 217.6160, 9.9490,  
1.4130

■ 105.6090,  
117.2790, 16.6310

■ 230.2170, -2.1090,  
-0.3250

■ 103.3920,  
119.3880, 16.9560

■ 242.8180,  
-14.1670, -2.0630

■ 246.9270,  
-16.0920, -5.7240

# Harmonies

## Analogous

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



169.8440, 54.0060, 23.4620



167.9130, 57.5850, 8.1530



165.8000, 46.9970, -9.2190

# Triad

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



167.9130, 57.5850, 8.1530



150.8820, -47.7230, -32.7070



166.4130, -34.1150, 18.0530

# Complementary

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



167.9130, 57.5850, 8.1530



178.0870, -57.5850, -8.1530

# 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.



154.3210, -75.5590, -1.7910



167.9130, 57.5850, 8.1530



134.4580, -102.1910, -36.7750

# Square

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



167.9130, 57.5850, 8.1530



158.3520, -8.0640, -30.0800



132.1590, -119.9820, -28.2220



171.3810, 4.4420, 29.6420



# Rectangle

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



167.9130, 57.5850, 8.1530



163.8750, 33.2440, -18.7880



132.1590, -119.9820, -28.2220



163.0090, -47.7770, 12.3430

# Sweetspot

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



167.9130, 57.5850, 8.1530



235.6340, 18.7060, 2.4020



160.3520, 38.9170, 49.1330



116.1000, 11.4620, 1.5260



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

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



167.9130, 57.5850, 8.1530



174.1450, 77.4830, 10.9790



199.6110, 42.7350, -20.0890



108.3490, 6.3270, 0.9750



81.1100, 93.7590, 13.3670



22.8800, 26.8210, 4.0130



# Inverse Universe

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



178.0870, -57.5850, -8.1530



187.8550, -77.4830, -10.9790



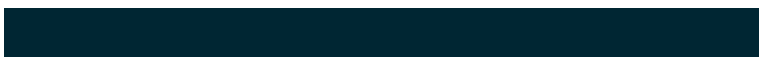
146.9760, -43.0100, 19.5660



109.6510, -6.3270, -0.9750



97.8900, -93.7590, -13.3670



28.1200, -26.8210, -4.0130



# Previews

## White Background



This preview shows how the YIQ color 167.9130, 57.5850, 8.1530 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

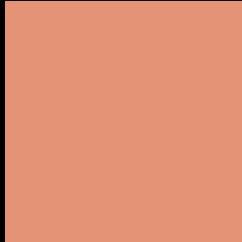
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 167.9130, 57.5850, 8.1530 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 167.9130, 57.5850, 8.1530

## Background



This preview shows how black text looks on a background with the YIQ color 167.9130, 57.5850, 8.1530.



This preview shows how white text looks on a background with the YIQ color 167.9130, 57.5850,

8.1530.

# 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

167.9130, 57.5850, 8.1530

### Protanopia

166.0280, 19.9920, -9.8960

### Deuteranopia

166.9440, 37.9640, -5.2040



## Tritanopia

169.8650, 49.5130, 22.2890

# Trichromacy



## Original Color

167.9130, 57.5850, 8.1530

## Protanomaly

166.9590, 33.6080, -3.3520

## Deuteranomaly

167.1130, 44.9780, -0.1580

## Tritanomaly

169.2580, 52.5400, 16.9880

# Monochromacy



## Original Color

167.9130, 57.5850, 8.1530

## Achromatopsia

168.0000, -0.0000, -0.0000

## Achromatomaly

167.8300, 21.0900, 3.2500

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 167.9130, 57.5850, 8.1530 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(228, 147, 118)` looks like.

```
.text, #text, p{  
    color:rgb(228, 147, 118)  
}
```

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(228, 147, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 147, 118) }
```

## Border

The CSS property to change the border of an element to YIQ 167.9130, 57.5850, 8.1530 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(228, 147, 118) }
```



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

```
.border{ border-color:rgb(228, 147, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 147, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 147, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 147, 118);  
box-shadow:4px 4px 4px 4px rgb(228, 147,  
118) }
```

# Background

The CSS property to change the background color of an element to YIQ 167.9130, 57.5850, 8.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 147, 118) }
```

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

```
.background{ background-color: rgb(228,  
147, 118) }
```

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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