

# Converting Colors

YIQ(140.9930, 19.0730, 1.2570)

Have a look what the booklet for  
YIQ(140.9930, 19.0730, 1.2570)  
contains.

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# Color

**YIQ(140.9930, 19.0730,  
1.2570)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">A0877A</a>
RGB	<a href="#">160, 135, 122</a>
RGB Percent	<a href="#">63%, 53%, 48%</a>
CMY	<a href="#">0.3725, 0.4706, 0.5215</a>
CMYK	<a href="#">0.00, 0.16, 0.24, 0.37</a>
HSL	<a href="#">20°, 17%, 55%</a>
HSV	<a href="#">20°, 24%, 63%</a>
XYZ	<a href="#">26.6765, 26.2056, 22.0716</a>
YIQ	<a href="#">140.9930, 19.0730, 1.2570</a>

# Conversions

## Conversions Part 2

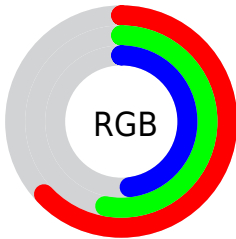
Format	Color
R <sub>Y</sub> B	160, 142, 122
Decimal	10520442
CIE Lab	58.23, 7.40, 10.50
CIE LCh	58, 12.846, 54.817
Yxy	26.2056, 0.3559, 0.3496
Android (android.graphics.Color)	4288710522 (0xFFA0877A)
YUV	140.9930, -9.3635, 16.6691
Hunter-Lab	51.1914, 3.4337, 10.2706

# Details

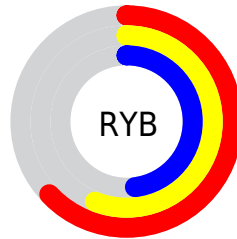
The YIQ color **140.9930, 19.0730, 1.2570** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **141.0070, -19.0730, -1.2570**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **194.4770, 20.5860, 1.3700**, and **90.5090, 17.5600, 1.1440** is the 20% darker color. If you saturate the color by 10%, you get **132.7120, 27.2340, 2.0340**, and if you desaturate by 10%, it is **149.2740, 10.9120, 0.4800**.

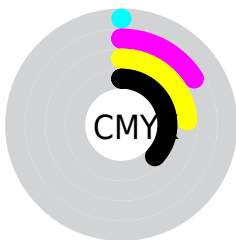
# Distribution



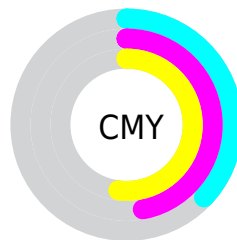
- Red (63%)
- Green (53%)
- Blue (48%)



- Red (63%)
- Yellow (56%)
- Blue (48%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (37%)




- Cyan (37%)
- Magenta (47%)
- Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 140.9930, 19.0730, 1.2570 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 140.9930, 19.0730, 1.2570 by changing the saturation by 10% instead.





 140.9930, 19.0730,  
1.2570


 140.9930, 19.0730,  
1.2570


255.0000, -0.0000,  
-0.0000


 115.6940, 18.4770,  
1.0450


 194.4770, 20.5860,  
1.3700


 90.5090, 17.5600,  
1.1440


 222.7760, 21.1820,  
1.5820

 67.0250, 16.0470,  
1.0310

 245.6930, 11.0500,  
-2.0220

 44.5410, 14.5340,  
0.9180

 23.6720, 15.5430,  
-0.8490

 0.0000, 0.0000,  
0.0000

■ 140.9930, 19.0730,  
1.2570

■ 140.9930, 19.0730,  
1.2570

■ 132.7120, 27.2340,  
2.0340

■ 149.2740, 10.9120,  
0.4800

■ 125.0180, 35.1200,  
2.2880

■ 156.9680, 3.0260,  
0.2260

■ 116.7370, 43.2810,  
3.0650

■ 165.2490, -5.1350,  
-0.5510

■ 109.0430, 51.1670,  
3.3190

■ 172.9430,  
-13.0210, -0.8050

■ 100.7620, 59.3280,  
4.0960

■ 181.2240,  
-21.1820, -1.5820

■ 93.0680, 67.2140,  
4.3500

■ 188.9180,  
-29.0680, -1.8360

■ 84.7870, 75.3750,  
5.1270

■ 197.1990,  
-37.2290, -2.6130

■ 80.1250, 80.2350,

■ 204.8930,

5.1550

-45.1150, -2.8670

■ 211.9200,  
-49.7450, -7.0650

# Harmonies

## Analogous

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



142.0410, 19.1180, 5.9500



140.9930, 19.0730, 1.2570



140.1940, 13.8930, -3.9870

# Triad

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



140.9930, 19.0730, 1.2570



135.8190, -15.9080, -9.0600



141.1060, -5.8700, 7.2660

# Complementary

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



140.9930, 19.0730, 1.2570



141.0070, -19.0730, -1.2570

# 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.



139.1970, -16.5520, 2.6160



140.9930, 19.0730, 1.2570



135.8770, -21.8230, -6.4870

# Square

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



140.9930, 19.0730, 1.2570



137.2670, -5.5460, -9.6260



137.2130, -22.6490, -2.5290



141.8470, 5.2250, 9.9370



# Rectangle

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



140.9930, 19.0730, 1.2570



138.9760, 8.5750, -6.7290



137.2130, -22.6490, -2.5290



140.4260, -9.7670, 6.3050

# Sweetspot

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



140.9930, 19.0730, 1.2570



201.4200, 7.5650, 0.5650



136.2120, 14.6230, 15.8310



100.4520, 4.5390, 0.3390



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



140.9930, 19.0730, 1.2570



180.0820, 29.0680, 1.8360



152.1460, 13.8480, -8.6800



75.1530, 3.9430, 0.1270



71.5200, 71.7530, 4.6890



7.4200, 7.5650, 0.5650



# Inverse Universe

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



141.0070, -19.0730, -1.2570



179.9180, -29.0680, -1.8360



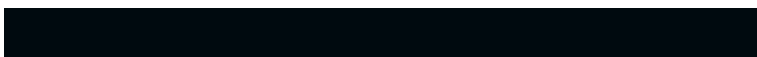
129.8540, -13.8480, 8.6800



74.8470, -3.9430, -0.1270



71.4800, -71.7530, -4.6890



7.5800, -7.5650, -0.5650



# Previews

## White Background



This preview shows how the YIQ color 140.9930, 19.0730, 1.2570 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

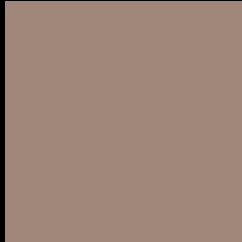
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 140.9930, 19.0730, 1.2570 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

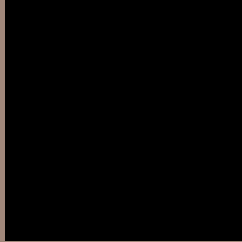
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 140.9930, 19.0730, 1.2570

## Background



This preview shows how black text looks on a background with the YIQ color 140.9930, 19.0730, 1.2570.



This preview shows how white text looks on a background with the YIQ color 140.9930, 19.0730,



# 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

140.9930, 19.0730, 1.2570

### Protanopia

139.9700, 8.7120, -3.7040

### Deuteranopia

140.9930, 19.0730, 1.2570



## Tritanopia

142.1100, 14.6700, 9.4700

# Trichromacy



## Original Color

140.9930, 19.0730, 1.2570

## Protanomaly

140.1770, 12.5630, -1.9090

## Deuteranomaly

140.9930, 19.0730, 1.2570

## Tritanomaly

141.6000, 16.0460, 6.5580

# Monochromacy



## Original Color

140.9930, 19.0730, 1.2570

## Achromatopsia

141.0000, -0.0000, -0.0000

## Achromatomaly

141.1210, 6.9690, 0.3530

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 140.9930, 19.0730, 1.2570 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(160, 135, 122)` looks like.

```
.text, #text, p{  
    color:rgb(160, 135, 122)  
}
```

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(160, 135, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 135, 122) }
```

## Border

The CSS property to change the border of an element to YIQ 140.9930, 19.0730, 1.2570 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(160, 135, 122) }
```



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

```
.border{ border-color:rgb(160, 135, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 135, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 135, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 135, 122); box-shadow:4px 4px 4px 4px rgb(160, 135, 122) }
```

# Background

The CSS property to change the background color of an element to YIQ 140.9930, 19.0730, 1.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 135, 122) }
```

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

```
.background{ background-color: rgb(160,  
135, 122) }
```

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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