

# Converting Colors

YIQ(130.9710, 25.3070, 9.4270)

Have a look what the booklet for  
YIQ(130.9710, 25.3070, 9.4270)  
contains.

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# Color

**YIQ(130.9710, 25.3070,  
9.4270)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A17677
RGB	161, 118, 119
RGB Percent	63%, 46%, 47%
CMY	0.3685, 0.5373, 0.5332
CMYK	0.00, 0.27, 0.26, 0.37
HSL	359°, 19%, 55%
HSV	359°, 27%, 63%
XYZ	24.5108, 21.8649, 20.3893
YIQ	130.9710, 25.3070, 9.4270

# Conversions

## Conversions Part 2

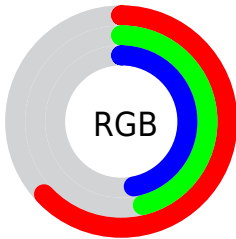
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 118, 119
Decimal	10581623
CIE <sub>Lab</sub>	53.88, 17.03, 6.07
CIE <sub>LCh</sub>	54, 18.082, 19.602
Yxy	21.8649, 0.3671, 0.3275
Android (android.graphics.Color)	4288771703 (0xFFA17677)
YUV	130.9710, -5.9017, 26.3354
Hunter-Lab	46.7599, 11.7370, 6.8791

# Details

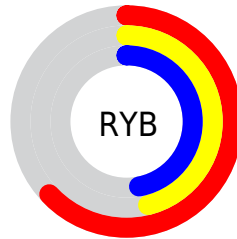
The YIQ color **130.9710, 25.3070, 9.4270** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **148.0290, -25.3070, -9.4270**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.1670, 27.6910, 10.2750**, and **80.8890, 22.6020, 8.8900** is the 20% darker color. If you saturate the color by 10%, you get **119.7550, 34.8430, 12.8190**, and if you desaturate by 10%, it is **142.1870, 15.7710, 6.0350**.

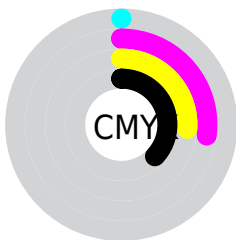
# Distribution



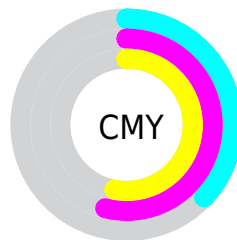
- Red (63%)
- Green (46%)
- Blue (47%)



- Red (63%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (27%)
- Yellow (26%)
- Black (37%)




- Cyan (37%)
- Magenta (54%)
- Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 130.9710, 25.3070, 9.4270 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 130.9710, 25.3070, 9.4270 by changing the saturation by 10% instead.





 130.9710, 25.3070,  
9.4270


 130.9710, 25.3070,  
9.4270


255.0000, -0.0000,  
-0.0000


 105.3730, 24.1150,  
9.0030


 184.1670, 27.6910,  
10.2750


 80.8890, 22.6020,  
8.8900


 212.0530, 28.0120,  
9.9640

 57.8780, 21.1350,  
7.9430

 234.6710, 17.2840,  
6.1480

 35.5080, 19.3010,  
8.1410

 11.6610, 23.2440,  
8.2680

 0.0000, 0.0000,  
0.0000

130.9710, 25.3070,  
9.4270

130.9710, 25.3070,  
9.4270

119.7550, 34.8430,  
12.8190

142.1870, 15.7710,  
6.0350

108.6530, 44.0580,  
16.5220

153.2890, 6.5560,  
2.3320

97.4370, 53.5940,  
19.9140

164.5050, -2.9800,  
-1.0600

86.2210, 63.1300,  
23.3060

175.7210,  
-12.5160, -4.4520

74.4180, 72.9410,  
27.2210

186.9370,  
-22.0520, -7.8440

63.3160, 82.1560,  
30.9240

198.6260,  
-31.5420, -12.0700

52.1000, 91.6920,  
34.3160


209.8420,  
-41.0780, -15.4620

48.5950, 94.6720,

221.0580,

35.3760

-50.6140, -18.8540

 226.8940,  
-56.0240, -19.9280

# Harmonies

## Analogous

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



131.5990, 17.7870, 13.5550



130.9710, 25.3070, 9.4270



130.0540, 26.2710, 2.9670

# Triad

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



130.9710, 25.3070, 9.4270



125.0450, -5.0410, -13.2730



126.4070, -25.9510, 2.2490

# Complementary

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



130.9710, 25.3070, 9.4270



148.0290, -25.3070, -9.4270

# 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.



123.4720, -33.7440, -5.2000



130.9710, 25.3070, 9.4270



122.8460, -20.5380, -13.2580

# Square

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



130.9710, 25.3070, 9.4270



127.0530, 9.6760, -10.1640



122.2670, -31.9090, -10.9250



129.6370, -11.7390, 9.0050



# Rectangle

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



130.9710, 25.3070, 9.4270



129.0380, 23.2000, -1.9520



122.2670, -31.9090, -10.9250



125.0860, -29.4810, 0.1430

# Sweetspot

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



130.9710, 25.3070, 9.4270



197.1970, 9.8110, 3.9150



135.4600, 11.2290, 22.2770



97.2890, 6.5560, 2.3320



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.



130.9710, 25.3070, 9.4270



162.2610, 39.2900, 14.8260



142.5970, 20.1280, -1.3440



75.8050, 5.0430, 2.2190



43.8110, 85.1360, 31.9840



5.3820, 10.7280, 3.8160



# Inverse Universe

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



130.9710, 25.3070, 9.4270



162.2610, 39.2900, 14.8260



136.4030, -20.1280, 1.3440



75.8050, 5.0430, 2.2190



43.8110, 85.1360, 31.9840



5.3820, 10.7280, 3.8160



# Previews

## White Background



This preview shows how the YIQ color 130.9710, 25.3070, 9.4270 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

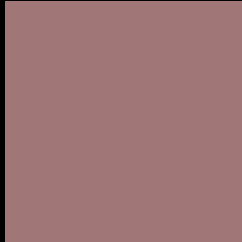
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 130.9710, 25.3070, 9.4270 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

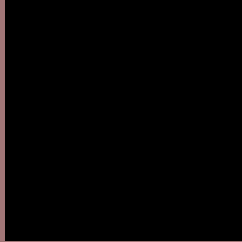
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 130.9710, 25.3070, 9.4270

## Background



This preview shows how black text looks on a background with the YIQ color 130.9710, 25.3070, 9.4270.



This preview shows how white text looks on a background with the YIQ color 130.9710, 25.3070,



# 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

130.9710, 25.3070, 9.4270

### Protanopia

129.4410, 3.0720, -0.6080

### Deuteranopia

129.8940, 15.0380, 2.7980



## Tritanopia

131.4810, 23.9310, 12.3390

# Trichromacy



## Original Color

130.9710, 25.3070, 9.4270

## Protanomaly

130.1540, 11.3700, 3.1940

## Deuteranomaly

130.2150, 18.5680, 4.9040

## Tritanomaly

131.1390, 24.8940, 11.4060

# Monochromacy



## Original Color

130.9710, 25.3070, 9.4270

## Achromatopsia

131.0000, -0.0000, -0.0000

## Achromatomaly

130.8980, 9.2150, 3.7030

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 130.9710, 25.3070, 9.4270 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(161, 118, 119)` looks like.

```
.text, #text, p{  
    color:rgb(161, 118, 119)  
}
```

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(161, 118, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 118, 119) }
```

## Border

The CSS property to change the border of an element to YIQ 130.9710, 25.3070, 9.4270 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(161, 118, 119) }
```



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

```
.border{ border-color:rgb(161, 118, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 118, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 118, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 118, 119); box-shadow:4px 4px 4px 4px rgb(161, 118, 119) }
```

# Background

The CSS property to change the background color of an element to YIQ 130.9710, 25.3070, 9.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 118, 119) }
```

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

```
.background{ background-color: rgb(161,  
118, 119) }
```

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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