

# Converting Colors

YIQ(126.7900, 18.5670, 10.4310)

Have a look what the booklet for  
YIQ(126.7900, 18.5670, 10.4310)  
contains.

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# Color

**YIQ(126.7900, 18.5670,  
10.4310)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97737C
RGB	151, 115, 124
RGB Percent	59%, 45%, 49%
CMY	0.4078, 0.5491, 0.5137
CMYK	0.00, 0.24, 0.18, 0.41
HSL	345°, 15%, 52%
HSV	345°, 24%, 59%
XYZ	22.5350, 20.2952, 21.8041
YIQ	126.7900, 18.5670, 10.4310

# Conversions

## Conversions Part 2

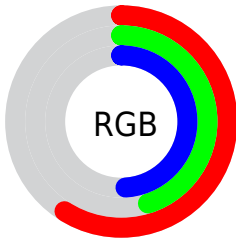
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 115, 124
Decimal	9925500
CIE Lab	52.17, 15.63, 0.52
CIE LCh	52, 15.639, 1.918
Yxy	20.2952, 0.3487, 0.3140
Android (android.graphics.Color)	4288115580 (0xFF97737C)
YUV	126.7900, -1.3755, 21.2322
Hunter-Lab	45.0502, 10.4513, 2.8391

# Details

The YIQ color  $126.7900, 18.5670, 10.4310$  is a dark color, and the websafe version is hex  $996666$ . A complement of this color would be  $139.2100, -18.5670, -10.4310$ , and the grayscale version is  $127.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $179.6870, 20.3550, 11.0670$ , and  $77.4800, 16.5040, 9.2720$  is the 20% darker color. If you saturate the color by 10%, you get  $116.7310, 26.2230, 14.8550$ , and if you desaturate by 10%, it is  $136.8490, 10.9110, 6.0070$ .

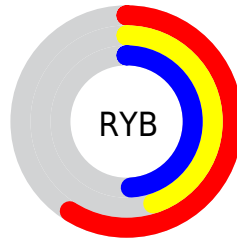
# Distribution



Red (59%)

Green (45%)

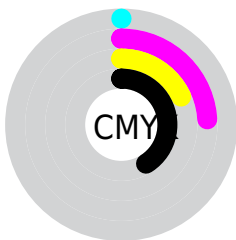
Blue (49%)



Red (59%)

Yellow (45%)

Blue (49%)

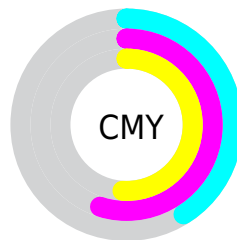


Cyan (0%)

Magenta (24%)

Yellow (18%)

Black (41%)



Cyan (41%)

Magenta (55%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 126.7900, 18.5670, 10.4310 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 126.7900, 18.5670, 10.4310 by changing the saturation by 10% instead.



■ 126.7900, 18.5670,  
10.4310

■ 126.7900, 18.5670,  
10.4310

■ 255.0000, -0.0000,  
-0.0000

■ 101.4910, 17.9710,  
10.2190

■ 179.6870, 20.3550,  
11.0670

■ 77.4800, 16.5040,  
9.2720

■ 207.1000, 20.6300,  
11.5900

■ 54.2950, 15.5870,  
9.3710

■ 233.0070, 16.4580,  
10.1060

■ 32.6970, 14.3950,  
8.9470

■ 252.6520, 1.1000,  
2.0920

■ 10.6650, 17.4210,  
9.1730

■ 0.0000, 0.0000,  
0.0000

126.7900, 18.5670,  
10.4310

126.7900, 18.5670,  
10.4310

116.7310, 26.2230,  
14.8550

136.8490, 10.9110,  
6.0070

106.5580, 34.2000,  
18.9680

147.0220, 2.9340,  
1.8940

96.4990, 41.8560,  
23.3920

157.0810, -4.7220,  
-2.5300

86.4400, 49.5120,  
27.8160

167.1400,  
-12.3780, -6.9540

75.6800, 57.7640,  
32.4520

177.9000,  
-20.6300, -11.5900

65.6210, 65.4200,  
36.8760

187.9590,  
-28.2860, -16.0140

55.5620, 73.0760,  
41.3000


198.0180,  
-35.9420, -20.4380

49.4810, 77.7980,

208.1910,

43.8300

-43.9190, -24.5510

 218.2500,  
-51.5750, -28.9750

# Harmonies

## Analogous

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



127.0540, 9.0760, 11.7320



126.7900, 18.5670, 10.4310



126.1940, 23.0610, 6.0770

# Triad

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



126.7900, 18.5670, 10.4310



122.2310, 3.3030, -10.3050



121.0000, -26.3630, -1.2990

# Complementary

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



126.7900, 18.5670, 10.4310



139.2100, -18.5670, -10.4310

# 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.



119.5280, -28.1500, -7.4620



126.7900, 18.5670, 10.4310



120.6470, -9.6720, -11.9440

# Square

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



126.7900, 18.5670, 10.4310



124.0260, 14.3060, -5.9660



119.2420, -21.5930, -10.6570



123.4790, -17.2860, 4.9060



# Rectangle

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



126.7900, 18.5670, 10.4310



125.3740, 22.3740, 2.0060



119.2420, -21.5930, -10.6570



120.0490, -28.0590, -3.6030

# Sweetspot

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



126.7900, 18.5670, 10.4310



187.2290, 6.7850, 3.6890



126.8780, 3.9400, 16.7080



93.6200, 4.1260, 2.3180



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000



# Same Dimension

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



126.7900, 18.5670, 10.4310



157.7530, 29.1570, 16.7490



130.4600, 19.2560, 3.4480



71.6200, 4.1260, 2.3180



45.8500, 72.2050, 40.5650



4.2290, 6.7850, 3.6890



# Inverse Universe

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



126.7900, 18.5670, 10.4310



157.7530, 29.1570, 16.7490



135.5400, -19.2560, -3.4480



71.6200, 4.1260, 2.3180



45.8500, 72.2050, 40.5650



4.2290, 6.7850, 3.6890



# Previews

## White Background



This preview shows how the YIQ color 126.7900, 18.5670, 10.4310 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 126.7900, 18.5670, 10.4310 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

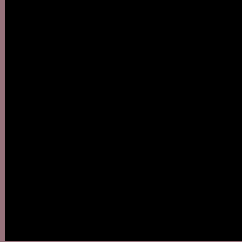
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 126.7900, 18.5670, 10.4310

## Background



This preview shows how black text looks on a background with the YIQ color 126.7900, 18.5670, 10.4310.



This preview shows how white text looks on a background with the YIQ color 126.7900, 18.5670,



# 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

126.7900, 18.5670, 10.4310

### Protanopia

125.1680, -0.4130, 1.9790

### Deuteranopia

126.0120, 8.8940, 4.0140



## Tritanopia

126.7900, 18.5670, 10.4310

# Trichromacy



## Original Color

126.7900, 18.5670, 10.4310

## Protanomaly

125.8700, 6.4180, 4.8340

## Deuteranomaly

126.3330, 12.4240, 6.1200

## Tritanomaly

126.7900, 18.5670, 10.4310

# Monochromacy



## Original Color

126.7900, 18.5670, 10.4310

## Achromatopsia

127.0000, -0.0000, -0.0000

## Achromatomaly

127.2290, 6.7850, 3.6890

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 126.7900, 18.5670, 10.4310 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(151, 115, 124)` looks like.

```
.text, #text, p{  
    color:rgb(151, 115, 124)  
}
```

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(151, 115, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 115, 124) }
```

## Border

The CSS property to change the border of an element to YIQ 126.7900, 18.5670, 10.4310 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(151, 115, 124) }
```



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

```
.border{ border-color:rgb(151, 115, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 115, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 115, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 115, 124); box-shadow:4px 4px 4px 4px rgb(151, 115, 124) }
```

# Background

The CSS property to change the background color of an element to YIQ 126.7900, 18.5670, 10.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 115, 124) }
```

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

```
.background{ background-color: rgb(151,  
115, 124) }
```

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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