

# Converting Colors

YIQ(114.5770, 14.8530, 11.6610)

Have a look what the booklet for  
YIQ(114.5770, 14.8530, 11.6610)  
contains.

<b>YIQ(114.5770, 14.8530, 11.6610)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(114.5770, 14.8530,  
11.6610)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	886776
RGB	136, 103, 118
RGB Percent	53%, 40%, 46%
CMY	0.4666, 0.5961, 0.5372
CMYK	0.00, 0.24, 0.13, 0.47
HSL	333°, 14%, 47%
HSV	333°, 24%, 53%
XYZ	18.2766, 16.2422, 19.3151
YIQ	114.5770, 14.8530, 11.6610

# Conversions

## Conversions Part 2

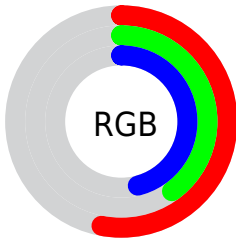
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 103, 118
Decimal	8939382
CIE Lab	47.29, 15.79, -3.25
CIE LCh	47, 16.123, 348.353
Yxy	16.2422, 0.3395, 0.3017
Android (android.graphics.Color)	4287129462 (0xFF886776)
YUV	114.5770, 1.6875, 18.7880
Hunter-Lab	40.3016, 10.4213, -0.2045

# Details

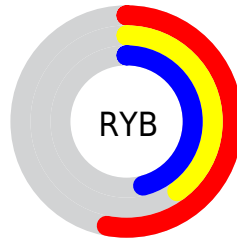
The YIQ color **114.5770, 14.8530, 11.6610** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **124.4230, -14.8530, -11.6610**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5880, 16.3200, 12.6080**, and **66.5660, 13.3860, 10.7140** is the 20% darker color. If you saturate the color by 10%, you get **105.5610, 20.9500, 16.8060**, and if you desaturate by 10%, it is **123.5930, 8.7560, 6.5160**.

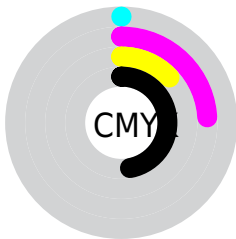
# Distribution



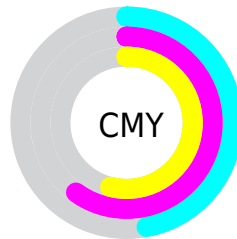
- Red (53%)
- Green (40%)
- Blue (46%)



- Red (53%)
- Yellow (40%)
- Blue (46%)



- Cyan (0%)
- Magenta (24%)
- Yellow (13%)
- Black (47%)



- Cyan (47%)
- Magenta (60%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 114.5770, 14.8530, 11.6610 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 114.5770, 14.8530, 11.6610 by changing the saturation by 10% instead.



■ 114.5770, 14.8530,  
11.6610

■ 114.5770, 14.8530,  
11.6610

■ 255.0000, -0.0000,  
-0.0000

■ 89.8650, 13.9820,  
10.9260

■ 166.5880, 16.3200,  
12.6080

■ 66.5660, 13.3860,  
10.7140

■ 193.8870, 16.9160,  
12.8200

■ 43.9680, 12.1940,  
10.2900

■ 221.8870, 16.9160,  
12.8200

■ 22.3700, 11.0020,  
9.8660

■ 244.3200, 5.2710,  
9.1030

■ 3.2890, 6.5560,  
2.3320

■ 0.0000, 0.0000,  
0.0000

■ 114.5770, 14.8530,  
11.6610

■ 114.5770, 14.8530,  
11.6610

■ 105.5610, 20.9500,  
16.8060

■ 123.5930, 8.7560,  
6.5160

■ 97.0180, 27.0930,  
21.1170

■ 132.1360, 2.6130,  
2.2050

■ 88.0020, 33.1900,  
26.2620

■ 141.1520, -3.4840,  
-2.9400

■ 79.4590, 39.3330,  
30.5730

■ 149.6950, -9.6270,  
-7.2510

■ 70.4430, 45.4300,  
35.7180

■ 158.7110,  
-15.7240, -12.3960

■ 61.4270, 51.5270,  
40.8630

■ 167.8410,  
-22.1420, -17.2300

■ 52.8840, 57.6700,  
45.1740


■ 176.2700,  
-27.9640, -21.8520

■ 47.7320, 61.1540,

■ 185.2860,

48.1140

-34.0610, -26.9970

 193.8290,  
-40.2040, -31.3080

# Harmonies

## Analogous

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



114.1180, 3.0240, 11.2800



114.5770, 14.8530, 11.6610



114.1770, 21.7310, 8.1550

# Triad

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



114.5770, 14.8530, 11.6610



110.8080, 8.9880, -8.7080



107.0380, -29.5260, -4.5500

# Complementary

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



114.5770, 14.8530, 11.6610



124.4230, -14.8530, -11.6610

# 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.



106.5450, -26.8200, -9.5400



114.5770, 14.8530, 11.6610



108.6970, -3.9410, -11.1810

# Square

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



114.5770, 14.8530, 11.6610



111.7600, 18.1110, -3.3370



107.6400, -16.9620, -11.9860



109.8480, -22.8790, 1.6410



# Rectangle

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



114.5770, 14.8530, 11.6610



113.5530, 23.4280, 4.9320



107.6400, -16.9620, -11.9860



106.8700, -29.1130, -6.5290

# Sweetspot

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



114.5770, 14.8530, 11.6610



168.1580, 5.5470, 4.0990



112.1440, 0.1350, 14.0790



84.4350, 3.2090, 2.4170



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000



# Same Dimension

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



114.5770, 14.8530, 11.6610



142.8710, 23.0130, 17.9650



113.4540, 19.3930, 6.4730



64.4350, 3.2090, 2.4170



46.6070, 60.0080, 46.8560



1.7230, 2.3380, 1.6820



# Inverse Universe

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



114.5770, 14.8530, 11.6610



142.8710, 23.0130, 17.9650



125.5460, -19.3930, -6.4730



64.4350, 3.2090, 2.4170



46.6070, 60.0080, 46.8560



1.7230, 2.3380, 1.6820



# Previews

## White Background



This preview shows how the YIQ color 114.5770, 14.8530, 11.6610 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

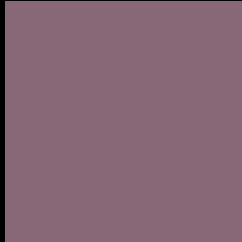
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 114.5770, 14.8530, 11.6610 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

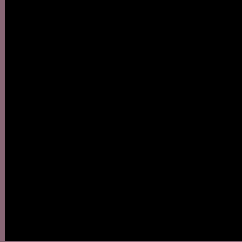
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 114.5770, 14.8530, 11.6610

## Background



This preview shows how black text looks on a background with the YIQ color 114.5770, 14.8530, 11.6610.



This preview shows how white text looks on a background with the YIQ color 114.5770, 14.8530,



# 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

114.5770, 14.8530, 11.6610

### Protanopia

112.9550, -4.1270, 3.2090

### Deuteranopia

113.5000, 4.5840, 5.0320



## Tritanopia

114.1810, 15.9080, 9.0600

# Trichromacy



## Original Color

114.5770, 14.8530, 11.6610

## Protanomaly

113.6570, 2.7040, 6.0640

## Deuteranomaly

113.8210, 8.1140, 7.1380

## Tritanomaly

114.4090, 15.2660, 9.6820

# Monochromacy



## Original Color

114.5770, 14.8530, 11.6610

## Achromatopsia

115.0000, -0.0000, 0.0000

## Achromatomaly

115.1580, 5.5470, 4.0990

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 114.5770, 14.8530, 11.6610 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(136, 103, 118)` looks like.

```
.text, #text, p{  
    color:rgb(136, 103, 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(136, 103, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 103, 118) }
```

## Border

The CSS property to change the border of an element to YIQ 114.5770, 14.8530, 11.6610 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(136, 103, 118) }
```



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

```
.border{ border-color:rgb(136, 103, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 103, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 103, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 103, 118);  
box-shadow:4px 4px 4px 4px rgb(136, 103,  
118) }
```

# Background

The CSS property to change the background color of an element to YIQ 114.5770, 14.8530, 11.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 103, 118) }
```

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

```
.background{ background-color: rgb(136,  
103, 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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