

# Converting Colors

YIQ(130.7590, 10.6840, -6.4040)

Have a look what the booklet for  
YIQ(130.7590, 10.6840, -6.4040)  
contains.

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# Color

**YIQ(130.7590, 10.6840,  
-6.4040)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89846C
RGB	137, 132, 108
RGB Percent	54%, 52%, 42%
CMY	0.4627, 0.4823, 0.5764
CMYK	0.00, 0.04, 0.21, 0.46
HSL	50°, 12%, 48%
HSV	50°, 21%, 54%
XYZ	21.2750, 22.9033, 17.4912
YIQ	130.7590, 10.6840, -6.4040

# Conversions

## Conversions Part 2

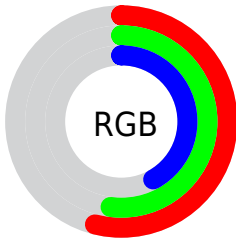
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 137, 108
Decimal	9012332
CIE <sub>Lab</sub>	54.97, -2.33, 13.64
CIE <sub>LCh</sub>	55, 13.843, 99.696
Yxy	22.9033, 0.3450, 0.3714
Android (android.graphics.Color)	4287202412 (0xFF89846C)
YUV	130.7590, -11.2202, 5.4734
Hunter-Lab	47.8574, -4.3983, 11.8305

# Details

The YIQ color  $130.7590, 10.6840, -6.4040$  is a dark color, and the websafe version is hex  $999966$ . A complement of this color would be  $114.2410, -10.6840, 6.4040$ , and the grayscale version is  $131.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $183.8300, 11.9220, -6.8140$ , and  $81.5740, 9.7670, -6.3050$  is the 20% darker color. If you saturate the color by 10%, you get  $127.9890, 15.7280, -9.7120$ , and if you desaturate by 10%, it is  $133.5290, 5.6400, -3.0960$ .

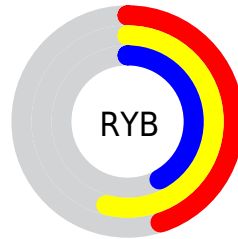
# Distribution



Red (54%)

Green (52%)

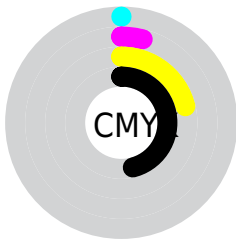
Blue (42%)



Red (45%)

Yellow (54%)

Blue (42%)

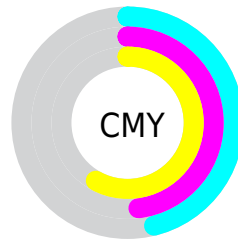


Cyan (0%)

Magenta (4%)

Yellow (21%)

Black (46%)



Cyan (46%)

Magenta (48%)


Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 130.7590, 10.6840, -6.4040 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 130.7590, 10.6840, -6.4040 by changing the saturation by 10% instead.




 130.7590, 10.6840,  
-6.4040


 130.7590, 10.6840,  
-6.4040


255.0000, -0.0000,  
-0.0000


 105.5740, 9.7670,  
-6.3050


 183.9440, 11.6010,  
-6.5030


 81.5740, 9.7670,  
-6.3050


 211.8300, 11.9220,  
-6.8140


 58.5030, 8.5290,  
-5.8950

 239.7160, 12.2430,  
-7.1250

 36.6170, 8.2080,  
-5.5840

 253.6320, 3.8520,  
-3.7320

 15.6600, 6.6490,  
-4.8630

 0.0000, 0.0000,  
0.0000

■ 130.7590, 10.6840,  
-6.4040

■ 130.7590, 10.6840,  
-6.4040

■ 127.9890, 15.7280,  
-9.7120

■ 133.5290, 5.6400,  
-3.0960

■ 124.7460, 20.7260,  
-12.1860

■ 136.7720, 0.6420,  
-0.6220

■ 121.9760, 25.7700,  
-15.4940

■ 139.5420, -4.4020,  
2.6860

■ 119.2060, 30.8140,  
-18.8020

■ 142.3120, -9.4460,  
5.9940

■ 115.9630, 35.8120,  
-21.2760

■ 145.6690,  
-14.7650, 8.7790

■ 113.1930, 40.8560,  
-24.5840

■ 148.3250,  
-19.4880, 11.7760

■ 109.8360, 46.1750,  
-27.3690

■ 151.6820,  
-24.8070, 14.5610

■ 107.2940, 50.5770,

■ 154.4520,

-30.0550

-29.8510, 17.8690

■ 157.1080,  
-34.5740, 20.8660

# Harmonies

## Analogous

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



131.8140, 18.0190, -1.6690



130.7590, 10.6840, -6.4040



129.4910, -0.3650, -9.9090

# Triad

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



130.7590, 10.6840, -6.4040



127.8490, -24.6200, -5.3560



133.8970, 10.9560, 10.7000

# Complementary

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



130.7590, 10.6840, -6.4040



114.2410, -10.6840, 6.4040

# 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.



133.2100, -0.2310, 9.6970



130.7590, 10.6840, -6.4040



129.3920, -21.5950, 0.3970

# Square

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



130.7590, 10.6840, -6.4040



127.4810, -20.7680, -9.0880



131.3440, -12.4720, 5.7680



133.4370, 18.0630, 8.5510



# Rectangle

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



130.7590, 10.6840, -6.4040



128.0710, -7.9300, -10.4740



131.3440, -12.4720, 5.7680



133.7440, 7.0130, 10.5730

# Sweetspot

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



130.7590, 10.6840, -6.4040



176.5720, 4.0810, -2.3750



117.2410, 15.6790, 7.7030



87.7290, 2.2010, -1.3430



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.



130.7590, 10.6840, -6.4040



169.1740, 16.6450, -9.8110



131.0030, 3.9450, -10.9270



67.6150, 2.5220, -1.6540



104.3370, 49.0180, -29.3340



3.8430, 1.8800, -1.0320



# Inverse Universe

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



114.2410, -10.6840, 6.4040



143.8260, -16.6450, 9.8110



113.9970, -3.9450, 10.9270



63.3850, -2.5220, 1.6540



28.6630, -49.0180, 29.3340



1.1570, -1.8800, 1.0320



# Previews

## White Background



This preview shows how the YIQ color 130.7590, 10.6840, -6.4040 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

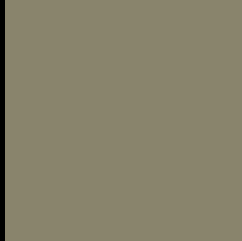
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 130.7590, 10.6840, -6.4040 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

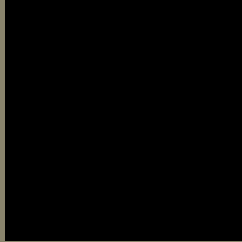
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 130.7590, 10.6840, -6.4040

## Background



This preview shows how black text looks on a background with the YIQ color 130.7590, 10.6840, -6.4040.



This preview shows how white text looks on a background with the YIQ color 130.7590, 10.6840, -6.4040.

-6.4040.

# 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

130.7590, 10.6840, -6.4040

### Protanopia

130.7700, 12.1510, -5.4570

### Deuteranopia

131.8360, 20.9530, 0.2250



## Tritanopia

133.0270, 4.5380, 5.8660

# Trichromacy



## Original Color

130.7590, 10.6840, -6.4040

## Protanomaly

130.4710, 11.5550, -5.6690

## Deuteranomaly

131.5150, 17.4230, -1.8810

## Tritanomaly

132.0610, 7.1980, 1.7100

# Monochromacy



## Original Color

130.7590, 10.6840, -6.4040

## Achromatopsia

131.0000, -0.0000, -0.0000

## Achromatomaly

130.6860, 3.7600, -2.0640

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 130.7590, 10.6840, -6.4040 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(137, 132, 108)` looks like.

```
.text, #text, p{  
    color:rgb(137, 132, 108)  
}
```

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(137, 132, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 132, 108) }
```

## Border

The CSS property to change the border of an element to YIQ 130.7590, 10.6840, -6.4040 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(137, 132, 108) }
```



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

```
.border{ border-color:rgb(137, 132, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 132, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 132, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 132, 108);  
box-shadow:4px 4px 4px 4px rgb(137, 132,  
108) }
```

# Background

The CSS property to change the background color of an element to YIQ 130.7590, 10.6840, -6.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 132, 108) }
```

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

```
.background{ background-color: rgb(137,  
132, 108) }
```

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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