

# Converting Colors

YIQ(134.7490, 16.6440, -4.2840)

Have a look what the booklet for  
YIQ(134.7490, 16.6440, -4.2840)  
contains.

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# Color

**YIQ(134.7490, 16.6440,  
-4.2840)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94856D
RGB	148, 133, 109
RGB Percent	58%, 52%, 43%
CMY	0.4196, 0.4784, 0.5725
CMYK	0.00, 0.10, 0.26, 0.42
HSL	37°, 15%, 50%
HSV	37°, 26%, 58%
XYZ	23.3618, 24.1743, 17.9089
YIQ	134.7490, 16.6440, -4.2840

# Conversions

## Conversions Part 2

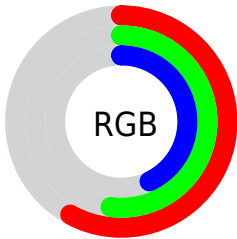
Format	Color
R <sub>Y</sub> B	133, 148, 109
Decimal	9733485
CIE Lab	56.26, 1.73, 15.01
CIE LCh	56, 15.108, 83.427
Yxy	24.1743, 0.3570, 0.3694
Android (android.graphics.Color)	4287923565 (0xFF94856D)
YUV	134.7490, -12.6943, 11.6211
Hunter-Lab	49.1674, -1.2288, 12.8212

# Details

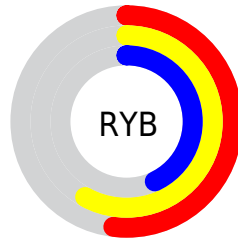
The YIQ color  $134.7490, 16.6440, -4.2840$  is a dark color, and the websafe version is hex  $999966$ . A complement of this color would be  $122.2510, -16.6440, 4.2840$ , and the grayscale version is  $135.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $187.9340, 17.5610, -4.3830$ , and  $85.2650, 15.1310, -4.3970$  is the 20% darker color. If you saturate the color by 10%, you get  $129.5170, 23.1090, -5.8110$ , and if you desaturate by 10%, it is  $139.9810, 10.1790, -2.7570$ .

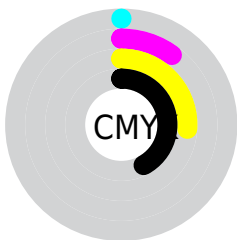
# Distribution



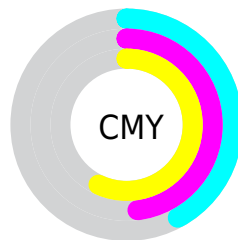
- Red (58%)
- Green (52%)
- Blue (43%)



- Red (52%)
- Yellow (58%)
- Blue (43%)



- Cyan (0%)
- Magenta (10%)
- Yellow (26%)
- Black (42%)



- Cyan (42%)
- Magenta (48%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 134.7490, 16.6440, -4.2840 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 134.7490, 16.6440, -4.2840 by changing the saturation by 10% instead.



■ 134.7490, 16.6440,  
-4.2840

■ 134.7490, 16.6440,  
-4.2840

■ 255.0000, -0.0000,  
-0.0000

■ 109.5640, 15.7270,  
-4.1850

■ 187.9340, 17.5610,  
-4.3830

■ 85.2650, 15.1310,  
-4.3970

■ 216.1190, 18.4780,  
-4.4820

■ 62.0800, 14.2140,  
-4.2980

■ 242.8090, 16.4150,  
-5.6410

■ 39.7100, 12.3800,  
-4.1000

■ 253.7460, 3.5310,  
-3.4210

■ 19.2370, 12.3340,  
-3.2660

■ 0.0000, 0.0000,  
0.0000

■ 134.7490, 16.6440,  
-4.2840

■ 134.7490, 16.6440,  
-4.2840

■ 129.5170, 23.1090,  
-5.8110

■ 139.9810, 10.1790,  
-2.7570

■ 124.8720, 29.2990,  
-7.8610

■ 144.6260, 3.9890,  
-0.7070

■ 119.7540, 35.4430,  
-9.0770

■ 149.7440, -2.1550,  
0.5090

■ 114.5220, 41.9080,  
-10.6040

■ 154.9760, -8.6200,  
2.0360

■ 109.8770, 48.0980,  
-12.6540

■ 159.6210,  
-14.8100, 4.0860

■ 104.6450, 54.5630,  
-14.1810

■ 164.8530,  
-21.2750, 5.6130

■ 99.4130, 61.0280,  
-15.7080

■ 170.0850,  
-27.7400, 7.1400

■ 97.6690, 63.1830,

■ 175.2030,

-16.2170

-33.8840, 8.3560

■ 179.8480,  
-40.0740, 10.4060

# Harmonies

## Analogous

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



135.9610, 22.0990, 1.4830



134.7490, 16.6440, -4.2840



133.1390, 6.5580, -8.7220

# Triad

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



134.7490, 16.6440, -4.2840



129.7840, -25.9950, -7.9710



136.9010, 5.1330, 11.6050

# Complementary

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



134.7490, 16.6440, -4.2840



122.2510, -16.6440, 4.2840

# 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.



136.2630, -7.7500, 8.2980



134.7490, 16.6440, -4.2840



130.6470, -26.8670, -3.1790

# Square

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



134.7490, 16.6440, -4.2840



129.9820, -17.9250, -11.0530



133.4570, -20.2200, 3.0120



137.2350, 15.8160, 10.7280



# Rectangle

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



134.7490, 16.6440, -4.2840



132.4800, -1.8320, -10.8560



133.4570, -20.2200, 3.0120



136.9220, 0.6400, 10.4320

# Sweetspot

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



134.7490, 16.6440, -4.2840



185.7680, 6.4650, -1.5270



122.4850, 18.1080, 13.2440



93.5120, 4.3100, -1.0180



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000



# Same Dimension

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



134.7490, 16.6440, -4.2840



170.5450, 25.9060, -6.9420



142.3580, 10.1350, -12.9770



71.4410, 3.0720, -0.6080



91.1570, 58.8730, -15.1990



6.5120, 4.3100, -1.0180



# Inverse Universe

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



122.2510, -16.6440, 4.2840



151.0420, -26.1810, 6.4190



114.6420, -10.1350, 12.9770



68.9720, -2.7970, 1.1310



46.8430, -58.8730, 15.1990



3.4880, -4.3100, 1.0180



# Previews

## White Background



This preview shows how the YIQ color 134.7490, 16.6440, -4.2840 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

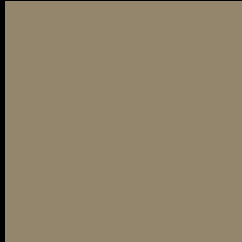
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 134.7490, 16.6440, -4.2840 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

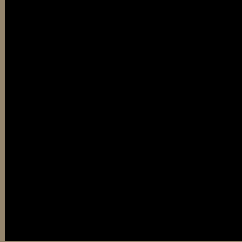
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 134.7490, 16.6440, -4.2840

## Background



This preview shows how black text looks on a background with the YIQ color 134.7490, 16.6440, -4.2840.



This preview shows how white text looks on a background with the YIQ color 134.7490, 16.6440,

-4.2840.

# 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

134.7490, 16.6440, -4.2840

### Protanopia

134.5420, 12.7930, -6.0790

### Deuteranopia

135.7930, 22.5120, -0.4960



## Tritanopia

137.0170, 10.4980, 7.9860

# Trichromacy



## Original Color

134.7490, 16.6440, -4.2840

## Protanomaly

134.5530, 14.2600, -5.1320

## Deuteranomaly

135.4830, 20.4490, -1.6550

## Tritanomaly

136.0510, 13.1580, 3.8300

# Monochromacy



## Original Color

134.7490, 16.6440, -4.2840

## Achromatopsia

135.0000, -0.0000, -0.0000

## Achromatomaly

134.8820, 6.1440, -1.2160

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 134.7490, 16.6440, -4.2840 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(148, 133, 109)` looks like.

```
.text, #text, p{  
    color:rgb(148, 133, 109)  
}
```

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(148, 133, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 133, 109) }
```

## Border

The CSS property to change the border of an element to YIQ 134.7490, 16.6440, -4.2840 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(148, 133, 109) }
```



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

```
.border{ border-color:rgb(148, 133, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 133, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 133, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 133, 109);  
box-shadow:4px 4px 4px 4px rgb(148, 133,  
109) }
```

# Background

The CSS property to change the background color of an element to YIQ 134.7490, 16.6440, -4.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 133, 109) }
```

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

```
.background{ background-color: rgb(148,  
133, 109) }
```

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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