

Converting Colors

YIQ(108.9480, 32.1410, -4.2990)

Have a look what the booklet for
YIQ(108.9480, 32.1410, -4.2990)
contains.

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Color

**YIQ(108.9480, 32.1410,
-4.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	896742
RGB	137, 103, 66
RGB Percent	54%, 40%, 26%
CMY	0.4627, 0.5961, 0.7410
CMYK	0.00, 0.25, 0.52, 0.46
HSL	31°, 35%, 40%
HSV	31°, 52%, 54%
XYZ	16.1523, 15.4111, 7.2837
YIQ	108.9480, 32.1410, -4.2990

Conversions

Conversions Part 2

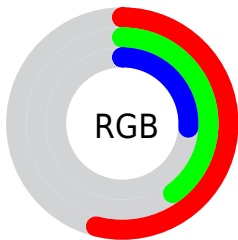
Format	Color
R_{YB}	131, 137, 66
Decimal	9004866
CIE _{Lab}	46.19, 8.88, 26.04
CIE _{LCh}	46, 27.512, 71.168
Yxy	15.4111, 0.4158, 0.3967
Android (android.graphics.Color)	4287194946 (0xFF896742)
YUV	108.9480, -21.1734, 24.6016
Hunter-Lab	39.2569, 4.7444, 16.4792

Details

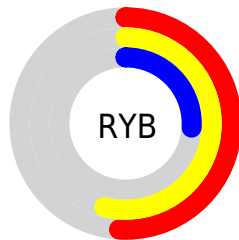
The YIQ color **108.9480, 32.1410, -4.2990** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **94.0520, -32.1410, 4.2990**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.9160, 35.1670, -4.0730**, and **60.6810, 28.5190, -4.7370** is the 20% darker color. If you saturate the color by 10%, you get **103.2430, 38.5600, -4.9920**, and if you desaturate by 10%, it is **114.6530, 25.7220, -3.6060**.

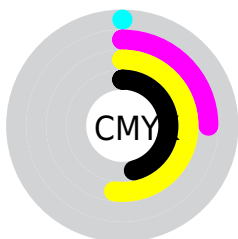
Distribution



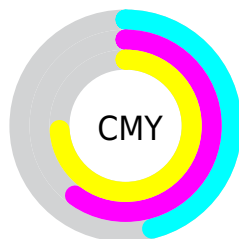
- Red (54%)
- Green (40%)
- Blue (26%)



- Red (51%)
- Yellow (54%)
- Blue (26%)



- Cyan (0%)
- Magenta (25%)
- Yellow (52%)
- Black (46%)



- Cyan (46%)
- Magenta (60%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.9480, 32.1410, -4.2990 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 108.9480, 32.1410, -4.2990 by changing the saturation by 10% instead.

■ 108.9480, 32.1410,
-4.2990

■ 108.9480, 32.1410,
-4.2990

■ 255.0000, -0.0000,
-0.0000

■ 84.1650, 30.0320,
-4.6240

■ 160.9160, 35.1670,
-4.0730

■ 60.7950, 28.1980,
-4.4260

■ 188.2860, 37.0010,
-4.2710

■ 38.4850, 26.1350,
-5.5850

■ 215.8840, 38.1930,
-3.8470

■ 18.9820, 17.6060,
0.3100

■ 237.4800, 24.5310,
-9.5570

■ 0.0000, 0.0000,
0.0000

■ 251.2380, 10.5930,
-10.2630

■ 254.5440, 1.2840,

-1.2440

■ 108.9480, 32.1410,
-4.2990

■ 108.9480, 32.1410,
-4.2990

■ 103.2430, 38.5600,
-4.9920

■ 114.6530, 25.7220,
-3.6060

■ 98.2390, 44.3830,
-5.8970

■ 119.6570, 19.8990,
-2.7010

■ 92.5340, 50.8020,
-6.5900

■ 125.3620, 13.4800,
-2.0080

■ 87.4160, 56.9460,
-7.8060

■ 130.4800, 7.3360,
-0.7920

■ 82.6400, 62.1270,
-8.0890

■ 136.1850, 0.9170,
-0.0990

■ 141.1890, -4.9060,
0.8060

■ 146.8940,
-11.3250, 1.4990

■ 152.5990,
-17.7440, 2.1920

■ 157.6030,
-23.5670, 3.0970

Harmonies

Analogous

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



110.0340, 38.1910, 7.2070



108.9480, 32.1410, -4.2990



107.1370, 18.0670, -13.5570

Triad

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



108.9480, 32.1410, -4.2990



93.4380, -54.7400, -21.1720



111.8930, -0.4160, 18.5600

Complementary

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



108.9480, 32.1410, -4.2990



94.0520, -32.1410, 4.2990

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.



108.4490, -25.7690, 9.9670



108.9480, 32.1410, -4.2990



88.6780, -72.8510, -17.8350

Square

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



108.9480, 32.1410, -4.2990



100.2810, -26.4970, -20.9050



100.4840, -51.2130, -2.4850



112.1960, 20.7200, 20.9760

Rectangle

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



108.9480, 32.1410, -4.2990



105.2710, 5.8260, -17.4860



100.4840, -51.2130, -2.4850



111.2340, -8.8060, 16.4260

Sweetspot

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



108.9480, 32.1410, -4.2990



167.4760, 13.1590, -1.6970



91.1050, 31.4020, 25.6260



82.3660, 7.6570, -1.1030



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.



108.9480, 32.1410, -4.2990



134.6480, 50.4810, -6.2790



128.6070, 22.1950, -22.2930



66.4410, 3.0720, -0.6080



80.2700, 60.2930, -7.8910



3.2560, 2.1550, -0.5090

Inverse Universe

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



94.0520, -32.1410, 4.2990



111.7650, -50.2060, 6.8020



74.3930, -22.1950, 22.2930



64.5590, -3.0720, 0.6080



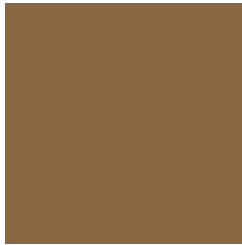
52.7300, -60.2930, 7.8910



1.7440, -2.1550, 0.5090

Previews

White Background



This preview shows how the YIQ color 108.9480, 32.1410, -4.2990 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 108.9480, 32.1410, -4.2990 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 108.9480, 32.1410, -4.2990

Background



This preview shows how black text looks on a background with the YIQ color 108.9480, 32.1410, -4.2990.



This preview shows how white text looks on a background with the YIQ color 108.9480, 32.1410, -4.2990.

-4.2990.

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

108.9480, 32.1410, -4.2990

Protanopia

108.3160, 19.1210, -10.6310

Deuteranopia

108.9260, 29.2070, -6.1930



Tritanopia

111.4700, 22.4640, 11.3920

Trichromacy



Original Color

108.9480, 32.1410, -4.2990

Protanomaly

108.2350, 23.8430, -8.1010

Deuteranomaly

108.6380, 30.0780, -5.4580

Tritanomaly

110.6350, 26.1330, 5.4690

Monochromacy



Original Color

108.9480, 32.1410, -4.2990

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.9920, 11.6460, -1.8100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.9480, 32.1410, -4.2990 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, 103, 66)` looks like.

```
.text, #text, p{  
    color:rgb(137, 103, 66)  
}
```

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, 103, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 103, 66) }
```

Border

The CSS property to change the border of an element to YIQ 108.9480, 32.1410, -4.2990 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, 103, 66) }
```


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

```
.border{ border-color:rgb(137, 103, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 103, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 103, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 103, 66);  
box-shadow:4px 4px 4px 4px rgb(137, 103,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 108.9480, 32.1410, -4.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 103, 66) }
```

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

```
.background{ background-color: rgb(137,  
103, 66) }
```

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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