

Converting Colors

YIQ(104.3880, 44.9810,
-16.7390)

Have a look what the booklet for
YIQ(104.3880, 44.9810, -16.7390)
contains.

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Color

**YIQ(104.3880, 44.9810,
-16.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	89671A
RGB	137, 103, 26
RGB Percent	54%, 40%, 10%
CMY	0.4627, 0.5961, 0.8978
CMYK	0.00, 0.25, 0.81, 0.46
HSL	42°, 68%, 32%
HSV	42°, 81%, 54%
XYZ	15.3538, 15.0915, 3.0846
YIQ	104.3880, 44.9810, -16.7390

Conversions

Conversions Part 2

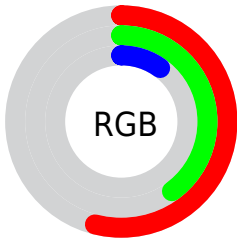
Format	Color
R_{YB}	75, 137, 26
Decimal	9004826
CIE Lab	45.76, 6.11, 45.51
CIE LCh	46, 45.920, 82.359
Yxy	15.0915, 0.4579, 0.4501
Android (android.graphics.Color)	4287194906 (0xFF89671A)
YUV	104.3880, -38.6453, 28.6007
Hunter-Lab	38.8478, 2.5649, 22.4858

Details

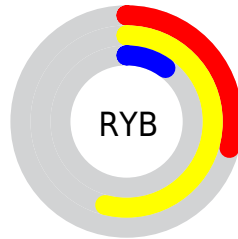
The YIQ color **104.3880, 44.9810, -16.7390** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **58.6120, -44.9810, 16.7390**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.0680, 48.8780, -15.7780**, and **57.6890, 34.0680, -11.6920** is the 20% darker color. If you saturate the color by 10%, you get **100.4440, 50.5750, -19.0010**, and if you desaturate by 10%, it is **108.3320, 39.3870, -14.4770**.

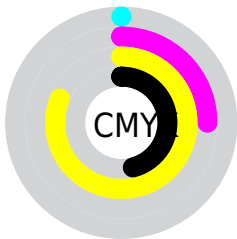
Distribution



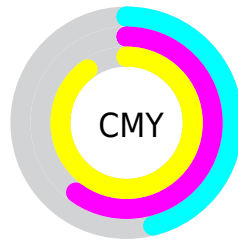
- Red (54%)
- Green (40%)
- Blue (10%)



- Red (29%)
- Yellow (54%)
- Blue (10%)



- Cyan (0%)
- Magenta (25%)
- Yellow (81%)
- Black (46%)



- Cyan (46%)
- Magenta (60%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.3880, 44.9810, -16.7390 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 104.3880, 44.9810, -16.7390 by changing the saturation by 10% instead.

■ 104.3880, 44.9810,
-16.7390

■ 104.3880, 44.9810,
-16.7390

■ 255.0000, -0.0000,
-0.0000

■ 79.2630, 43.8350,
-17.9970

■ 157.0680, 48.8780,
-15.7780

■ 57.6890, 34.0680,
-11.6920

■ 184.5520, 50.3910,
-15.6650

■ 37.5880, 24.3470,
-6.2210

■ 212.3350, 52.5000,
-15.3400

■ 18.3730, 14.9470,
-1.0610

■ 232.3330, 37.6460,
-21.4740

■ 0.0000, 0.0000,
0.0000

■ 246.6780, 23.4330,
-22.7030

■ 249.8700, 14.4450,

-13.9950

■ 253.1760, 5.1360,
-4.9760

■ 104.3880, 44.9810,
-16.7390

■ 104.3880, 44.9810,
-16.7390

■ 100.4440, 50.5750,
-19.0010

■ 108.3320, 39.3870,
-14.4770

■ 96.7280, 55.5270,
-20.6410

■ 112.1620, 34.1140,
-12.5260

■ 116.6930, 28.2450,
-10.7870

■ 120.6370, 22.6510,
-8.5250

■ 124.5810, 17.0570,
-6.2630

■ 128.4110, 11.7840,
-4.3120

■ 132.3550, 6.1900,
-2.0500

■ 136.8860, 0.3210,
-0.3110

■ 140.7160, -4.9520,
1.6400

Harmonies

Analogous

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



106.1640, 58.1360, 3.6720



104.3880, 44.9810, -16.7390



101.2380, 18.6200, -29.0920

Triad

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



104.3880, 44.9810, -16.7390



90.0530, -78.5810, -24.1250



111.9200, 13.2900, 34.4900

Complementary

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



104.3880, 44.9810, -16.7390



58.6120, -44.9810, 16.7390

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.



107.9020, -30.9980, 22.1380



104.3880, 44.9810, -16.7390



92.0540, -88.3490, -12.2930

Square

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



104.3880, 44.9810, -16.7390



85.0200, -65.7870, -35.7310



89.0680, -90.9640, -3.4440



108.8450, 44.2380, 35.2940

Rectangle

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



104.3880, 44.9810, -16.7390



97.1410, -6.0920, -32.7800



89.0680, -90.9640, -3.4440



111.3960, 0.0860, 31.4940

Sweetspot

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



104.3880, 44.9810, -16.7390



165.8800, 17.6530, -6.0510



63.1790, 54.9210, 34.4170



81.3400, 10.5460, -3.9020



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.



104.3880, 44.9810, -16.7390



127.4660, 70.7040, -25.8720



118.3660, 23.7110, -38.7610



67.0280, 2.7970, -1.1310



93.7710, 53.9680, -19.9200



3.8430, 1.8800, -1.0320

Inverse Universe

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



58.6120, -44.9810, 16.7390



55.9470, -70.4290, 26.3950



44.6340, -23.7110, 38.7610



63.9720, -2.7970, 1.1310



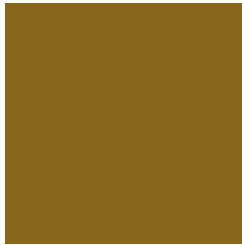
39.2290, -53.9680, 19.9200



1.7440, -2.1550, 0.5090

Previews

White Background



This preview shows how the YIQ color 104.3880, 44.9810, -16.7390 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 104.3880, 44.9810, -16.7390 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 104.3880, 44.9810, -16.7390

Background



This preview shows how black text looks on a background with the YIQ color 104.3880, 44.9810, -16.7390.



This preview shows how white text looks on a background with the YIQ color 104.3880, 44.9810, -16.7390.

-16.7390.

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

104.3880, 44.9810, -16.7390

Protanopia

103.6530, 33.7490, -22.4350

Deuteranopia

104.3880, 44.9810, -16.7390



Tritanopia

110.5520, 25.1690, 11.9290

Trichromacy



Original Color

104.3880, 44.9810, -16.7390

Protanomaly

103.8600, 37.6000, -20.6400

Deuteranomaly

104.3880, 44.9810, -16.7390

Tritanomaly

108.5230, 32.1400, 1.2280

Monochromacy



Original Color

104.3880, 44.9810, -16.7390

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.3960, 16.1400, -6.1640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.3880, 44.9810, -16.7390 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, 26)` looks like.

```
.text, #text, p{  
    color:rgb(137, 103, 26)  
}
```

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, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 103, 26) }
```

Border

The CSS property to change the border of an element to YIQ 104.3880, 44.9810, -16.7390 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, 26) }
```


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

```
.border{ border-color:rgb(137, 103, 26) }
```

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, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 103, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 103, 26);  
box-shadow:4px 4px 4px 4px rgb(137, 103,  
26) }
```

Background

The CSS property to change the background color of an element to YIQ 104.3880, 44.9810, -16.7390 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, 26) }
```

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

```
.background{ background-color: rgb(137,  
103, 26) }
```

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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