

Converting Colors

YIQ(97.6810, 28.5190, -4.7370)

Have a look what the booklet for
YIQ(97.6810, 28.5190, -4.7370)
contains.

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Color

**YIQ(97.6810, 28.5190,
-4.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5D3A
RGB	122, 93, 58
RGB Percent	48%, 36%, 23%
CMY	0.5215, 0.6353, 0.7724
CMYK	0.00, 0.24, 0.52, 0.52
HSL	33°, 36%, 35%
HSV	33°, 52%, 48%
XYZ	12.7056, 12.2709, 5.7066
YIQ	97.6810, 28.5190, -4.7370

Conversions

Conversions Part 2

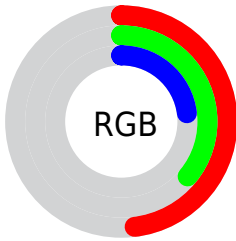
Format	Color
R_{YB}	111, 122, 58
Decimal	8019258
CIE Lab	41.64, 7.19, 24.54
CIE LCh	42, 25.572, 73.662
Yxy	12.2709, 0.4141, 0.3999
Android (android.graphics.Color)	4286209338 (0xFF7A5D3A)
YUV	97.6810, -19.5627, 21.3278
Hunter-Lab	35.0298, 3.4416, 14.8621

Details

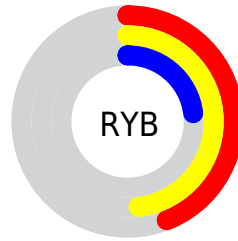
The YIQ color **97.6810, 28.5190, -4.7370** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **82.3190, -28.5190, 4.7370**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.6490, 31.5450, -4.5110**, and **50.4140, 24.8970, -5.1750** is the 20% darker color. If you saturate the color by 10%, you get **92.7910, 34.0210, -5.3310**, and if you desaturate by 10%, it is **102.5710, 23.0170, -4.1430**.

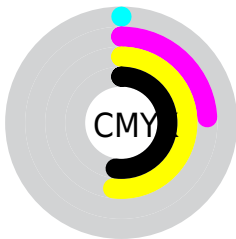
Distribution



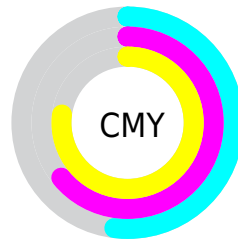
- Red (48%)
- Green (36%)
- Blue (23%)



- Red (44%)
- Yellow (48%)
- Blue (23%)



- Cyan (0%)
- Magenta (24%)
- Yellow (52%)
- Black (52%)



- Cyan (52%)
- Magenta (64%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.6810, 28.5190, -4.7370 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 97.6810, 28.5190, -4.7370 by changing the saturation by 10% instead.

■ 97.6810, 28.5190,
-4.7370

■ 97.6810, 28.5190,
-4.7370

■ 255.0000, -0.0000,
-0.0000

■ 73.3110, 26.6850,
-4.5390

■ 148.6490, 31.5450,
-4.5110

■ 50.4140, 24.8970,
-5.1750

■ 175.7200, 32.7830,
-4.9210

■ 29.3150, 20.8620,
-3.6340

■ 203.2040, 34.2960,
-4.8080

■ 6.8770, 13.7080,
4.8760

■ 229.4100, 30.7200,
-6.0800

■ 0.0000, 0.0000,
0.0000

■ 248.9240, 14.3530,
-12.3270

■ 253.4040, 4.4940,

-4.3540

■ 97.6810, 28.5190,
-4.7370

■ 97.6810, 28.5190,
-4.7370

■ 92.7910, 34.0210,
-5.3310

■ 102.5710, 23.0170,
-4.1430

■ 88.4880, 39.2480,
-6.4480

■ 106.8740, 17.7900,
-3.0260

■ 83.4840, 45.0710,
-7.3530

■ 111.8780, 11.9670,
-2.1210

■ 79.1810, 50.2980,
-8.4700

■ 116.1810, 6.7400,
-1.0040

■ 75.8070, 54.2870,
-9.1770

■ 121.0710, 1.2380,
-0.4100

■ 125.3740, -3.9890,
0.7070

■ 130.2640, -9.4910,
1.3010

■ 134.6810,
-15.0390, 2.7290

■ 139.5710,
-20.5410, 3.3230

Harmonies

Analogous

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



98.8270, 34.3400, 5.4120



97.6810, 28.5190, -4.7370



95.9950, 15.5910, -12.7370

Triad

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



97.6810, 28.5190, -4.7370



82.4600, -51.8060, -19.2780



100.7360, 1.4640, 17.5280

Complementary

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



97.6810, 28.5190, -4.7370



82.3190, -28.5190, 4.7370

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.



97.6020, -21.8260, 10.0940



97.6810, 28.5190, -4.7370



79.9670, -66.2950, -15.5030

Square

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



97.6810, 28.5190, -4.7370



89.3350, -26.5890, -19.2370



90.8330, -44.8860, -1.5100



100.8430, 20.2160, 19.0960

Rectangle

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



97.6810, 28.5190, -4.7370



94.2430, 3.0290, -16.3550



90.8330, -44.8860, -1.5100



100.2620, -6.0090, 15.2950

Sweetspot

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



97.6810, 28.5190, -4.7370



148.6930, 11.0500, -2.0220



80.5560, 28.5140, 22.8980



73.1810, 6.7400, -1.0040



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



97.6810, 28.5190, -4.7370



120.1850, 44.4750, -7.5650



114.1060, 19.3520, -20.3280



58.5550, 2.7510, -0.2970



77.2910, 55.8000, -9.0640



156.3540, 112.2420, -18.7500

Inverse Universe

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



82.3190, -28.5190, 4.7370



96.4020, -44.7500, 7.0420



65.8940, -19.3520, 20.3280



57.4450, -2.7510, 0.2970



47.7090, -55.8000, 9.0640



96.2330, -112.5170, 18.2270

Previews

White Background



This preview shows how the YIQ color 97.6810, 28.5190, -4.7370 looks on a white background.

Color Contrast Check

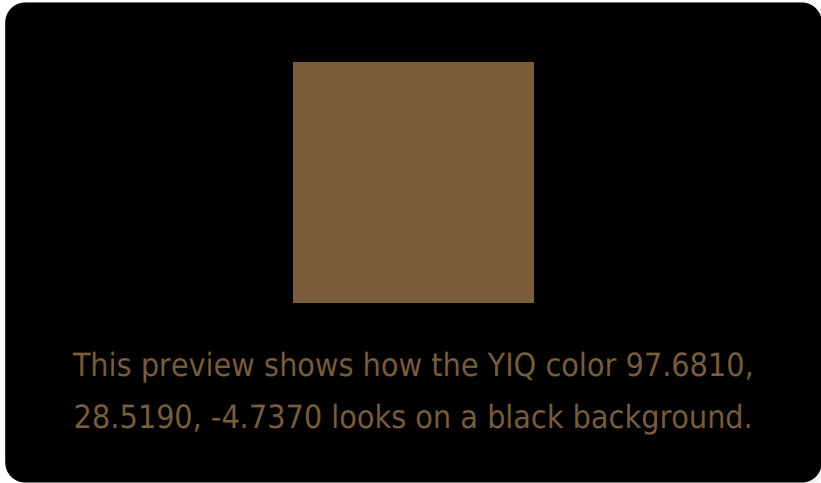
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

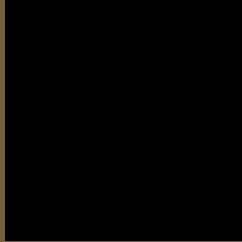
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.6810, 28.5190, -4.7370

Background



This preview shows how black text looks on a background with the YIQ color 97.6810, 28.5190, -4.7370.



This preview shows how white text looks on a background with the YIQ color 97.6810, 28.5190,

-4.7370.

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

97.6810, 28.5190, -4.7370

Protanopia

97.2450, 17.8830, -10.2210

Deuteranopia

97.6700, 27.0520, -5.6840



Tritanopia

99.8610, 19.8050, 10.0210

Trichromacy



Original Color

97.6810, 28.5190, -4.7370

Protanomaly

97.4520, 21.7340, -8.4260

Deuteranomaly

97.9690, 27.6480, -5.4720

Tritanomaly

99.2540, 22.8320, 4.7200

Monochromacy



Original Color

97.6810, 28.5190, -4.7370

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.8070, 10.7290, -1.7110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.6810, 28.5190, -4.7370 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(122, 93, 58)` looks like.

```
.text, #text, p{  
    color:rgb(122, 93, 58)  
}
```

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(122, 93, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 93, 58) }
```

Border

The CSS property to change the border of an element to YIQ 97.6810, 28.5190, -4.7370 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(122, 93, 58) }
```


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

```
.border{ border-color:rgb(122, 93, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 93, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 93, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 93, 58);  
box-shadow:4px 4px 4px 4px rgb(122, 93,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 97.6810, 28.5190, -4.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 93, 58) }
```

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

```
.background{ background-color: rgb(122, 93,  
58) }
```

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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