

Converting Colors

YIQ(99.3840, 70.2810, 31.3770)

Have a look what the booklet for
YIQ(99.3840, 70.2810, 31.3770)
contains.

YIQ(99.3840, 70.2810, 31.3770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(99.3840, 70.2810,
31.3770)**

Conversions

Conversions Part 1

Format	Color
Hex	BA3C4B
RGB	186, 60, 75
RGB Percent	73%, 24%, 29%
CMY	0.2703, 0.7649, 0.7056
CMYK	0.00, 0.68, 0.60, 0.27
HSL	353°, 51%, 48%
HSV	353°, 68%, 73%
XYZ	23.1543, 14.1841, 8.1863
YIQ	99.3840, 70.2810, 31.3770

Conversions

Conversions Part 2

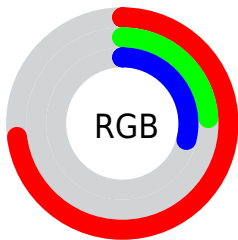
Format	Color
RYB	186, 60, 75
Decimal	12205131
CIELab	44.50, 51.52, 19.89
CIElCh	44, 55.222, 21.112
Yxy	14.1841, 0.5086, 0.3116
Android (android.graphics.Color)	4290395211 (0xFFBA3C4B)
YUV	99.3840, -12.0213, 75.9622
Hunter-Lab	37.6618, 43.8329, 13.4758

Details

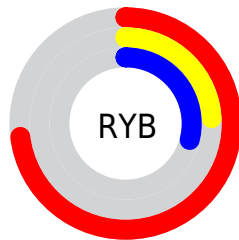
The YIQ color **99.3840, 70.2810, 31.3770** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **146.6160, -70.2810, -31.3770**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **155.4940, 75.7830, 30.7830**, and **41.6210, 65.4200, 36.8760** is the 20% darker color. If you saturate the color by 10%, you get **86.4070, 80.6420, 36.3380**, and if you desaturate by 10%, it is **112.3610, 59.9200, 26.4160**.

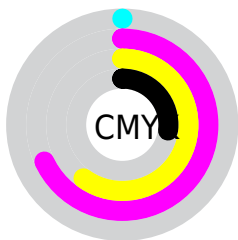
Distribution



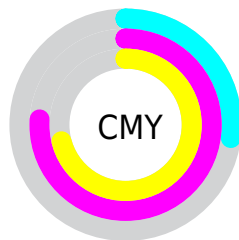
- Red (73%)
- Green (24%)
- Blue (29%)



- Red (73%)
- Yellow (24%)
- Blue (29%)



- Cyan (0%)
- Magenta (68%)
- Yellow (60%)
- Black (27%)



- Cyan (27%)
- Magenta (76%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.3840, 70.2810, 31.3770 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 99.3840, 70.2810, 31.3770 by changing the saturation by 10% instead.

■ 99.3840, 70.2810,
31.3770

■ 99.3840, 70.2810,
31.3770

255.0000, -0.0000,
-0.0000

■ 70.2960, 67.7130,
33.8650

■ 155.4940, 75.7830,
30.7830

■ 41.6210, 65.4200,
36.8760

■ 176.5850, 65.1010,
26.1330

■ 30.3280, 55.5190,
23.5750

■ 196.0990, 48.7340,
19.8860

■ 20.6310, 41.1240,
14.6280

■ 215.6130, 32.3670,
13.6390

■ 12.3730, 24.1150,
9.0030

■ 235.9420, 15.0830,
7.4910

■ 0.0000, 0.0000,
0.0000

■ 99.3840, 70.2810,
31.3770

■ 99.3840, 70.2810,
31.3770

■ 86.4070, 80.6420,
36.3380

■ 112.3610, 59.9200,
26.4160

■ 73.9030, 91.0490,
40.4650

■ 124.8650, 49.5130,
22.2890

■ 60.9260, 101.4100,
45.4260

■ 137.8420, 39.1520,
17.3280

■ 58.1220, 103.7940,
46.2740

■ 150.3460, 28.7450,
13.2010

■ 163.3230, 18.3840,
8.2400

■ 176.3000, 8.0230,
3.2790

■ 188.8040, -2.3840,
-0.8480

■ 201.7810,

-12.7450, -5.8090

■ 214.1710,
-22.8310, -10.2470

Harmonies

Analogous

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



102.2470, 52.2140, 44.9340



99.3840, 70.2810, 31.3770



100.9650, 69.0020, 4.9860

Triad

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



99.3840, 70.2810, 31.3770



85.1980, -28.6020, -43.3380



89.8490, -94.5410, 0.8110

Complementary

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



99.3840, 70.2810, 31.3770



146.6160, -70.2810, -31.3770

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.



92.2650, -90.3210, -9.5930



99.3840, 70.2810, 31.3770



83.6350, -63.2650, -37.3850

Square

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



99.3840, 70.2810, 31.3770



95.0350, 26.1410, -38.7470



89.5800, -78.6270, -23.2910



102.4260, -44.1570, 23.8350

Rectangle

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



99.3840, 70.2810, 31.3770



99.0820, 63.4580, -15.6940



89.5800, -78.6270, -23.2910



91.1540, -94.0820, -2.0020

Sweetspot

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



99.3840, 70.2810, 31.3770



209.0360, 26.6820, 12.0420



106.9550, 24.5180, 62.2940



102.1270, 16.0000, 7.3920



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



99.3840, 70.2810, 31.3770



107.3400, 109.1120, 49.0160



124.6760, 62.4460, 2.6540



85.8050, 5.0430, 2.2190



48.8100, 86.8770, 38.9810



8.7140, 15.7250, 6.8690

Inverse Universe

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



99.3840, 70.2810, 31.3770



107.3400, 109.1120, 49.0160



121.3240, -62.4460, -2.6540



85.8050, 5.0430, 2.2190



48.8100, 86.8770, 38.9810



8.7140, 15.7250, 6.8690

Previews

White Background



This preview shows how the YIQ color 99.3840, 70.2810, 31.3770 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 99.3840, 70.2810, 31.3770 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 99.3840, 70.2810, 31.3770

Background



This preview shows how black text looks on a background with the YIQ color 99.3840, 70.2810, 31.3770.

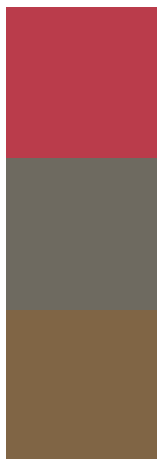


This preview shows how white text looks on a background with the YIQ color 99.3840, 70.2810,

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

99.3840, 70.2810, 31.3770

Protanopia

106.0560, 5.5940, -2.2620

Deuteranopia

105.4250, 26.3640, -4.2280



Tritanopia

99.4180, 72.9410, 27.2210

Trichromacy



Original Color

99.3840, 70.2810, 31.3770

Protanomaly

103.5370, 29.5250, 10.0770

Deuteranomaly

103.1270, 42.3630, 8.6910

Tritanomaly

99.2870, 71.9320, 28.9880

Monochromacy



Original Color

99.3840, 70.2810, 31.3770

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.3240, 25.8110, 11.3070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.3840, 70.2810, 31.3770 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(186, 60, 75)` looks like.

```
.text, #text, p{  
    color:rgb(186, 60, 75)  
}
```

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(186, 60, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 60, 75) }
```

Border

The CSS property to change the border of an element to YIQ 99.3840, 70.2810, 31.3770 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(186, 60, 75) }
```


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

```
.border{ border-color:rgb(186, 60, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 60, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 60, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 60, 75);  
box-shadow:4px 4px 4px 4px rgb(186, 60,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 99.3840, 70.2810, 31.3770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 60, 75) }
```

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

```
.background{ background-color: rgb(186, 60,  
75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor