

Converting Colors

YIQ(39.8800, 35.9890, 14.0770)

Have a look what the booklet for
YIQ(39.8800, 35.9890, 14.0770)
contains.

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Color

**YIQ(39.8800, 35.9890,
14.0770)**

Conversions

Conversions Part 1

Format	Color
Hex	531518
RGB	83, 21, 24
RGB Percent	33%, 8%, 9%
CMY	0.6744, 0.9177, 0.9057
CMYK	0.00, 0.75, 0.71, 0.67
HSL	357°, 60%, 20%
HSV	357°, 75%, 33%
XYZ	4.0036, 2.4422, 1.1265
YIQ	39.8800, 35.9890, 14.0770

Conversions

Conversions Part 2

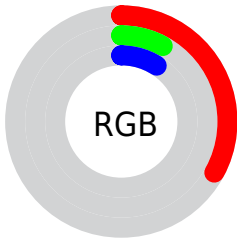
Format	Color
RYB	83, 21, 24
Decimal	5444888
CIELab	17.66, 28.90, 14.45
CIElCh	18, 32.313, 26.556
Yxy	2.4422, 0.5287, 0.3225
Android (android.graphics.Color)	4283634968 (0xFF531518)
YUV	39.8800, -7.8288, 37.8162
Hunter-Lab	15.6276, 18.3811, 6.6655

Details

The YIQ color **39.8800, 35.9890, 14.0770** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **64.1200, -35.9890, -14.0770**, and the grayscale version is **40.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **88.5170, 41.4450, 14.3170**, and **9.9810, 19.3470, 7.3070** is the 20% darker color. If you saturate the color by 10%, you get **34.2720, 40.7570, 15.7730**, and if you desaturate by 10%, it is **45.4880, 31.2210, 12.3810**.

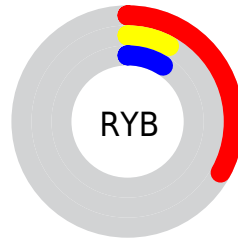
Distribution



 Red (33%)

 Green (8%)

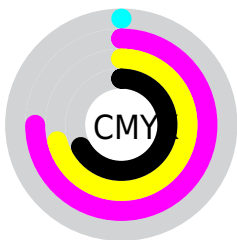
 Blue (9%)



 Red (33%)

 Yellow (8%)

 Blue (9%)

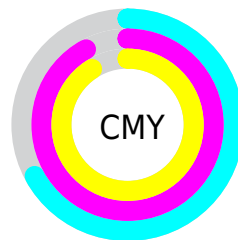



 Cyan (0%)

 Magenta (75%)

 Yellow (71%)

 Black (67%)



 Cyan (67%)

 Magenta (92%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 39.8800, 35.9890, 14.0770 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 39.8800, 35.9890, 14.0770 by changing the saturation by 10% instead.

■ 39.8800, 35.9890,
14.0770

■ 39.8800, 35.9890,
14.0770

■ 254.4300, 1.6050,
-1.5550

■ 17.3420, 34.5680,
12.2960

■ 88.5170, 41.4450,
14.3170

■ 9.9810, 19.3470,
7.3070

■ 114.1860, 43.8750,
14.3310

■ 0.0000, 0.0000,
0.0000

■ 140.0830, 45.6630,
14.9670

■ 166.8660, 47.7720,
15.2920

■ 194.7630, 49.5600,
15.9280

■ 215.1740, 34.9810,

10.3170

234.8020, 18.2930,
4.3810

39.8800, 35.9890,
14.0770

39.8800, 35.9890,
14.0770

34.2720, 40.7570,
15.7730

45.4880, 31.2210,
12.3810

28.0770, 45.8000,
17.9920

51.6830, 26.1780,
10.1620

25.2730, 48.1840,
18.8400

57.2910, 21.4100,
8.4660

62.8990, 16.6420,
6.7700

68.5070, 11.8740,
5.0740

■ 74.5880, 7.1520,
2.5440

■ 80.1960, 2.3840,
0.8480

■ 85.8040, -2.3840,
-0.8480

■ 91.9990, -7.4270,
-3.0670

Harmonies

Analogous

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



40.4420, 28.8350, 22.5870



39.8800, 35.9890, 14.0770



40.9100, 35.3040, -1.0480

Triad

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



39.8800, 35.9890, 14.0770



32.3480, -19.4360, -22.2200



37.8490, -41.8150, 3.4090

Complementary

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



39.8800, 35.9890, 14.0770



64.1200, -35.9890, -14.0770

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.



39.8720, -40.6220, -1.6940



39.8800, 35.9890, 14.0770



35.6710, -27.4150, -15.2790

Square

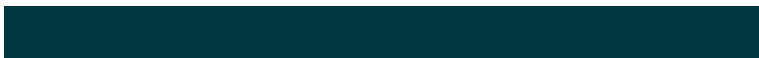
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.8800, 35.9890, 14.0770



38.6410, 7.6600, -17.6840



38.8800, -35.0730, -8.6490



42.7600, -16.2790, 14.1930

Rectangle

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



39.8800, 35.9890, 14.0770



41.1430, 27.0980, -6.5180



38.8800, -35.0730, -8.6490



38.9090, -42.0440, 2.0520

Sweetspot

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



39.8800, 35.9890, 14.0770



90.9910, 13.3870, 5.1870



45.7090, 15.2620, 31.7900



44.1860, 8.3440, 2.9680



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



39.8800, 35.9890, 14.0770



40.1600, 55.9320, 21.5960



55.9740, 29.2520, -1.5000



38.1960, 2.3840, 0.8480



31.9650, 60.9750, 23.8150



70.6220, 134.7410, 52.6050

Inverse Universe

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



39.8800, 35.9890, 14.0770



40.1600, 55.9320, 21.5960



48.0260, -29.2520, 1.5000



38.1960, 2.3840, 0.8480



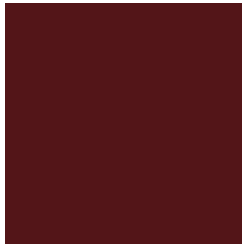
31.9650, 60.9750, 23.8150



70.6220, 134.7410, 52.6050

Previews

White Background



This preview shows how the YIQ color 39.8800, 35.9890, 14.0770 looks on a white background.

Color Contrast Check

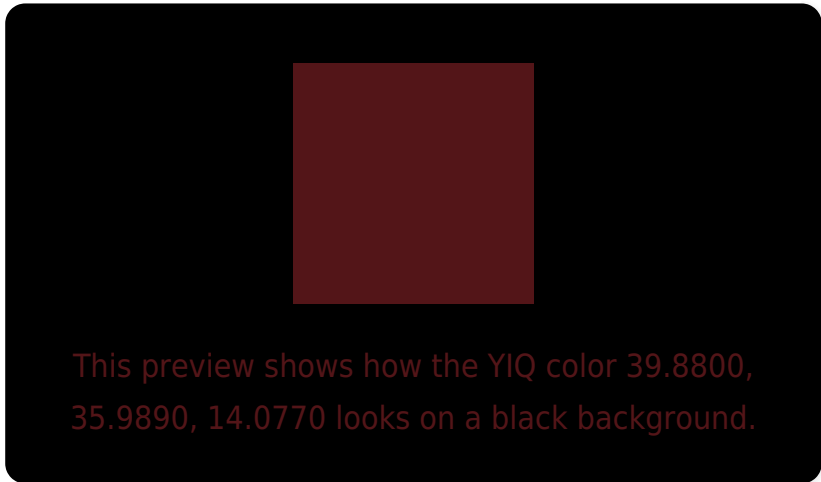
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

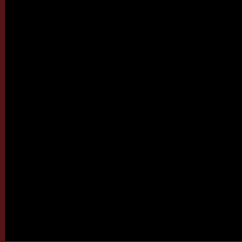
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 39.8800, 35.9890, 14.0770

Background



This preview shows how black text looks on a background with the YIQ color 39.8800, 35.9890, 14.0770.



This preview shows how white text looks on a background with the YIQ color 39.8800, 35.9890,

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

39.8800, 35.9890, 14.0770

Protanopia

44.5290, 5.6400, -3.0960

Deuteranopia

44.2650, 15.1310, -4.3970



Tritanopia

39.6520, 36.6310, 13.4550

Trichromacy



Original Color

39.8800, 35.9890, 14.0770

Protanomaly

42.7910, 16.8260, 3.4340

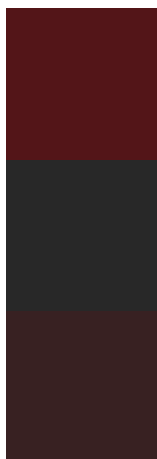
Deuteranomaly

42.6730, 22.9700, 2.2180

Tritanomaly

39.7660, 36.3100, 13.7660

Monochromacy



Original Color

39.8800, 35.9890, 14.0770

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

39.9910, 13.3870, 5.1870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 39.8800, 35.9890, 14.0770 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(83, 21, 24)` looks like.

```
.text, #text, p{  
    color:rgb(83, 21, 24)  
}
```

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(83, 21, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 21, 24) }
```

Border

The CSS property to change the border of an element to YIQ 39.8800, 35.9890, 14.0770 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(83, 21, 24) }
```


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

```
.border{ border-color:rgb(83, 21, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 21, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 21, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 21, 24);  
box-shadow:4px 4px 4px 4px rgb(83, 21, 24)  
}
```

Background

The CSS property to change the background color of an element to YIQ 39.8800, 35.9890, 14.0770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 21, 24) }
```

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

```
.background{ background-color: rgb(83, 21,  
24) }
```

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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