

# Converting Colors

YIQ(71.1530, 39.4740, 11.4900)

Have a look what the booklet for  
YIQ(71.1530, 39.4740, 11.4900)  
contains.

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# Color

**YIQ(71.1530, 39.4740,  
11.4900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	74352F
RGB	116, 53, 47
RGB Percent	45%, 21%, 18%
CMY	0.5450, 0.7922, 0.8155
CMYK	0.00, 0.54, 0.59, 0.54
HSL	5°, 42%, 32%
HSV	5°, 59%, 46%
XYZ	8.9932, 6.4649, 3.4675
YIQ	71.1530, 39.4740, 11.4900

# Conversions

## Conversions Part 2

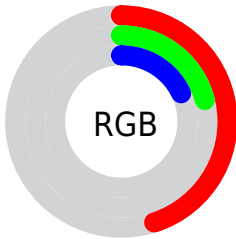
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 54, 47
Decimal	7615791
CIE Lab	30.56, 27.17, 16.88
CIE LCh	31, 31.980, 31.849
Yxy	6.4649, 0.4752, 0.3416
Android (android.graphics.Color)	4285805871 (0xFF74352F)
YUV	71.1530, -11.9074, 39.3308
Hunter-Lab	25.4262, 18.6395, 9.7126

# Details

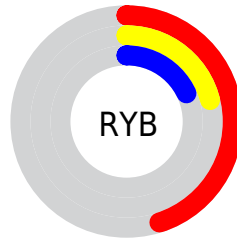
The YIQ color **71.1530, 39.4740, 11.4900** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **91.8470, -39.4740, -11.4900**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **121.0180, 44.2880, 12.3520**, and **22.0710, 36.7690, 10.9530** is the 20% darker color. If you saturate the color by 10%, you get **63.3280, 46.3510, 13.5110**, and if you desaturate by 10%, it is **78.9780, 32.5970, 9.4690**.

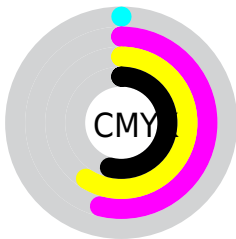
# Distribution



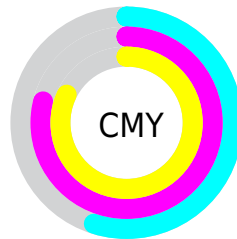
- Red (45%)
- Green (21%)
- Blue (18%)



- Red (45%)
- Yellow (21%)
- Blue (18%)



- Cyan (0%)
- Magenta (54%)
- Yellow (59%)
- Black (54%)



- Cyan (55%)
- Magenta (79%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 71.1530, 39.4740, 11.4900 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 71.1530, 39.4740, 11.4900 by changing the saturation by 10% instead.



■ 71.1530, 39.4740,  
11.4900

■ 71.1530, 39.4740,  
11.4900

255.0000, -0.0000,  
-0.0000

■ 47.1850, 36.4480,  
11.2640

■ 121.0180, 44.2880,  
12.3520

■ 22.0710, 36.7690,  
10.9530

■ 147.8010, 46.3970,  
12.6770

■ 12.3730, 24.1150,  
9.0030

■ 174.5840, 48.5060,  
13.0020

■ 0.0000, 0.0000,  
0.0000

■ 201.2850, 47.9100,  
12.7900

■ 220.7990, 31.5430,  
6.5430

■ 241.0140, 14.5800,

0.0840

254.8860, 0.3210,  
-0.3110

■ 71.1530, 39.4740,  
11.4900

■ 71.1530, 39.4740,  
11.4900

■ 63.3280, 46.3510,  
13.5110

■ 78.9780, 32.5970,  
9.4690

■ 56.2040, 52.6320,  
15.3200

■ 86.1020, 26.3160,  
7.6600

■ 48.3790, 59.5090,  
17.3410

■ 93.9270, 19.4390,  
5.6390

■ 41.2550, 65.7900,  
19.1500

■ 101.0510, 13.1580,  
3.8300

■ 40.5540, 66.3860,  
19.3620

■ 108.8760, 6.2810,  
1.8090

■ 116.7010, -0.5960,  
-0.2120

■ 123.8250, -6.8770,  
-2.0210

■ 131.6500,  
-13.7540, -4.0420

■ 138.7740,  
-20.0350, -5.8510

# Harmonies

## Analogous

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



72.4270, 33.1910, 20.7350



71.1530, 39.4740, 11.4900



70.6820, 35.9460, -1.6700

# Triad

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



71.1530, 39.4740, 11.4900



60.0700, -24.5250, -23.6050



63.3260, -47.5920, 3.4800

# Complementary

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



71.1530, 39.4740, 11.4900



91.8470, -39.4740, -11.4900

# 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.



60.7710, -59.5110, -6.2870



71.1530, 39.4740, 11.4900



57.6300, -46.5330, -21.2290

# Square

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



71.1530, 39.4740, 11.4900



66.5050, 5.0470, -19.8890



60.4800, -54.5580, -13.4540



73.5760, -9.7690, 17.3590



# Rectangle

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



71.1530, 39.4740, 11.4900



69.4050, 29.1160, -10.0520



60.4800, -54.5580, -13.4540



58.9930, -60.0160, -2.6400

# Sweetspot

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



71.1530, 39.4740, 11.4900



132.8340, 15.2670, 4.1550



74.8130, 20.9010, 34.2210



65.6700, 9.8570, 3.0810



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000



# Same Dimension

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



71.1530, 39.4740, 11.4900



80.9770, 60.7010, 17.7650



91.1110, 30.1240, -6.2920



54.7940, 3.5760, 1.2720



42.9350, 69.6870, 20.1110



87.0770, 143.2250, 42.0170



# Inverse Universe

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



91.8470, -39.4740, -11.4900



113.0230, -60.7010, -17.7650



71.8890, -30.1240, 6.2920



56.6190, -3.3010, -0.7490



79.6520, -69.9620, -20.6340



162.3360, -142.9500, -41.4940



# Previews

## White Background



This preview shows how the YIQ color 71.1530, 39.4740, 11.4900 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

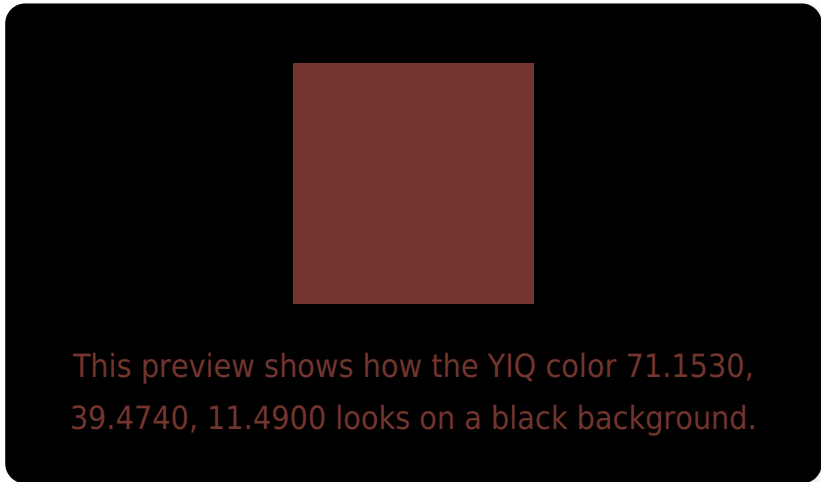
Any Text WCAG AA ✓ Pass

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 71.1530, 39.4740, 11.4900

## Background



This preview shows how black text looks on a background with the YIQ color 71.1530, 39.4740, 11.4900.



This preview shows how white text looks on a background with the YIQ color 71.1530, 39.4740,



# 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

71.1530, 39.4740, 11.4900

### Protanopia

72.4430, 8.7580, -4.5380

### Deuteranopia

71.8310, 19.3490, -3.7470



## Tritanopia

71.7770, 37.7770, 14.7130

# Trichromacy



## Original Color

71.1530, 39.4740, 11.4900

## Protanomaly

72.1780, 19.9900, 1.1580

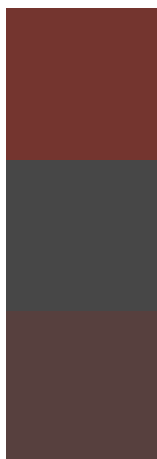
## Deuteranomaly

71.4130, 26.6380, 1.8220

## Tritanomaly

71.4350, 38.7400, 13.7800

# Monochromacy



## Original Color

71.1530, 39.4740, 11.4900

## Achromatopsia

71.0000, -0.0000, -0.0000

## Achromatomaly

70.6490, 14.3500, 4.2540

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 71.1530, 39.4740, 11.4900 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(116, 53, 47)` looks like.

```
.text, #text, p{  
    color:rgb(116, 53, 47)  
}
```

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(116, 53, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 53, 47) }
```

## Border

The CSS property to change the border of an element to YIQ 71.1530, 39.4740, 11.4900 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(116, 53, 47) }
```



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

```
.border{ border-color:rgb(116, 53, 47) }
```

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

Here you see how a box with a 4 pixel rgb(116, 53, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 53, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 53, 47);  
box-shadow:4px 4px 4px 4px rgb(116, 53,  
47) }
```

# Background

The CSS property to change the background color of an element to YIQ 71.1530, 39.4740, 11.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 53, 47) }
```

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

```
.background{ background-color: rgb(116, 53,  
47) }
```

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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