

Converting Colors

YIQ(74.1370, 19.2080, 15.3360)

Have a look what the booklet for
YIQ(74.1370, 19.2080, 15.3360)
contains.

YIQ(74.1370, 19.2080, 15.3360)	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(74.1370, 19.2080,
15.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	663B4F
RGB	102, 59, 79
RGB Percent	40%, 23%, 31%
CMY	0.5999, 0.7687, 0.6901
CMYK	0.00, 0.42, 0.23, 0.60
HSL	332°, 27%, 32%
HSV	332°, 42%, 40%
XYZ	8.4577, 6.5173, 8.2123
YIQ	74.1370, 19.2080, 15.3360

Conversions

Conversions Part 2

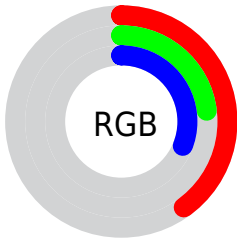
Format	Color
R_{YB}	102, 59, 79
Decimal	6699855
CIE _{Lab}	30.68, 22.01, -4.02
CIE _{LCh}	31, 22.373, 349.660
Yxy	6.5173, 0.3648, 0.2811
Android (android.graphics.Color)	4284889935 (0xFF663B4F)
YUV	74.1370, 2.3975, 24.4359
Hunter-Lab	25.5290, 14.4608, -1.2024

Details

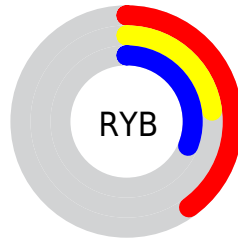
The YIQ color **74.1370, 19.2080, 15.3360** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **86.8630, -19.2080, -15.3360**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.4470, 21.2710, 16.4950**, and **28.6420, 16.2280, 14.2760** is the 20% darker color. If you saturate the color by 10%, you get **67.6970, 23.5630, 19.0110**, and if you desaturate by 10%, it is **80.5770, 14.8530, 11.6610**.

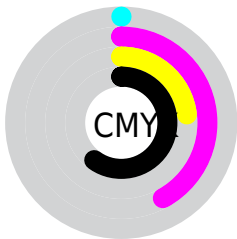
Distribution



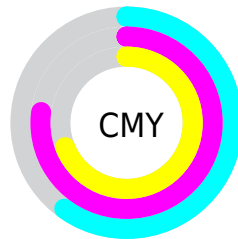
- Red (40%)
- Green (23%)
- Blue (31%)



- Red (40%)
- Yellow (23%)
- Blue (31%)



- Cyan (0%)
- Magenta (42%)
- Yellow (23%)
- Black (60%)



- Cyan (60%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.1370, 19.2080, 15.3360 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 74.1370, 19.2080, 15.3360 by changing the saturation by 10% instead.

■ 74.1370, 19.2080,
15.3360

■ 74.1370, 19.2080,
15.3360

■ 255.0000, -0.0000,
-0.0000

■ 50.5390, 18.0160,
14.9120

■ 123.4470, 21.2710,
16.4950

■ 28.6420, 16.2280,
14.2760

■ 149.7460, 21.8670,
16.7070

■ 11.9470, 16.6870,
11.4630

■ 176.4580, 22.7380,
17.4420

■ 0.0000, 0.0000,
0.0000

■ 204.0560, 23.9300,
17.8660

■ 228.8810, 17.0530,
15.8450

■ 247.9560, 3.3000,

6.2760

■ 74.1370, 19.2080,
15.3360

■ 74.1370, 19.2080,
15.3360

■ 67.6970, 23.5630,
19.0110

■ 80.5770, 14.8530,
11.6610

■ 61.1430, 28.2390,
22.3750

■ 87.1310, 10.1770,
8.2970

■ 54.1160, 32.8690,
26.5730

■ 94.1580, 5.5470,
4.0990

■ 47.5620, 37.5450,
29.9370

■ 100.7120, 0.8710,
0.7350

■ 41.1220, 41.9000,
33.6120

■ 107.1520, -3.4840,
-2.9400

■ 35.8560, 45.7050,
36.2410

■ 113.7060, -8.1600,
-6.3040

■ 120.1460,
-12.5150, -9.9790

■ 127.2870,
-17.4660, -13.8660

■ 133.7270,
-21.8210, -17.5410

Harmonies

Analogous

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



74.1230, 4.6280, 15.2520



74.1370, 19.2080, 15.3360



73.2810, 27.3700, 10.5860

Triad

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



74.1370, 19.2080, 15.3360



69.9990, 9.7680, -11.8320



58.1320, -53.4580, -11.3620

Complementary

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



74.1370, 19.2080, 15.3360



86.8630, -19.2080, -15.3360

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.



57.0090, -48.9180, -16.5500



74.1370, 19.2080, 15.3360



67.5070, -6.4620, -15.0540

Square

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



74.1370, 19.2080, 15.3360



71.4460, 21.8710, -5.4010



63.0300, -27.0480, -16.4240



66.8620, -34.6620, 0.4260

Rectangle

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



74.1370, 19.2080, 15.3360



72.4180, 28.2420, 5.7940



63.0300, -27.0480, -16.4240



57.6760, -52.1740, -12.6060

Sweetspot

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



74.1370, 19.2080, 15.3360



121.2940, 8.1600, 6.3040



70.7790, -0.0950, 18.2490



59.5600, 4.3550, 3.6750



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



74.1370, 19.2080, 15.3360



88.8660, 30.5770, 24.0570



72.4440, 25.3530, 8.5930



47.7230, 2.3380, 1.6820



40.4270, 51.5270, 40.8630



85.2400, 107.9590, 86.4470

Inverse Universe

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



74.1370, 19.2080, 15.3360



88.8660, 30.5770, 24.0570



88.5560, -25.3530, -8.5930



47.7230, 2.3380, 1.6820



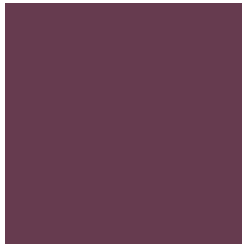
40.4270, 51.5270, 40.8630



85.2400, 107.9590, 86.4470

Previews

White Background



This preview shows how the YIQ color 74.1370, 19.2080, 15.3360 looks on a white background.

Color Contrast Check

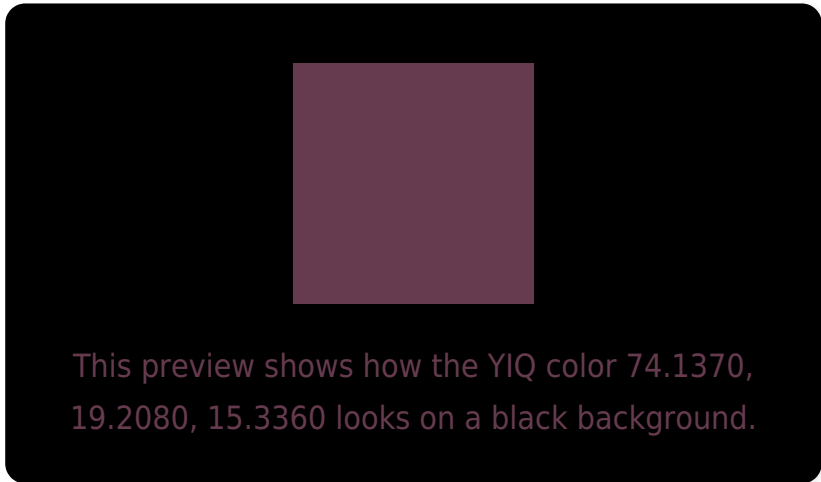
Large Text (above 18pt) WCAG AA ✓ Pass

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

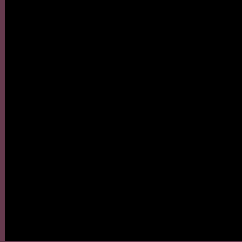
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.1370, 19.2080, 15.3360

Background



This preview shows how black text looks on a background with the YIQ color 74.1370, 19.2080, 15.3360.

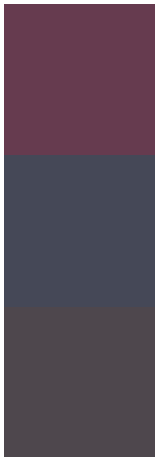


This preview shows how white text looks on a background with the YIQ color 74.1370, 19.2080,

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

74.1370, 19.2080, 15.3360

Protanopia

72.8130, -6.6030, 4.0290

Deuteranopia

73.7770, 2.2460, 3.3500



Tritanopia

73.5300, 22.2350, 10.0350

Trichromacy



Original Color

74.1370, 19.2080, 15.3360

Protanomaly

73.1240, 2.8870, 8.2550

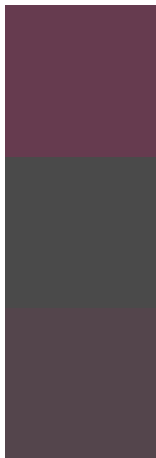
Deuteranomaly

74.2340, 8.3890, 7.6610

Tritanomaly

73.5130, 20.9050, 12.1130

Monochromacy



Original Color

74.1370, 19.2080, 15.3360

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.2830, 6.6930, 5.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.1370, 19.2080, 15.3360 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(102, 59, 79)` looks like.

```
.text, #text, p{  
    color:rgb(102, 59, 79)  
}
```

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(102, 59, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 59, 79) }
```

Border

The CSS property to change the border of an element to YIQ 74.1370, 19.2080, 15.3360 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(102, 59, 79) }
```


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

```
.border{ border-color:rgb(102, 59, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 59, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 59, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 59, 79);  
box-shadow:4px 4px 4px 4px rgb(102, 59,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 74.1370, 19.2080, 15.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 59, 79) }
```

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

```
.background{ background-color: rgb(102, 59,  
79) }
```

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