

Converting Colors

YIQ(74.5770, 40.0750, -15.9330)

Have a look what the booklet for
YIQ(74.5770, 40.0750, -15.9330)
contains.

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Color

**YIQ(74.5770, 40.0750,
-15.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	674A03
RGB	103, 74, 3
RGB Percent	40%, 29%, 1%
CMY	0.5961, 0.7098, 0.9880
CMYK	0.00, 0.28, 0.97, 0.60
HSL	43°, 94%, 21%
HSV	43°, 97%, 40%
XYZ	8.0589, 7.7865, 1.1659
YIQ	74.5770, 40.0750, -15.9330

Conversions

Conversions Part 2

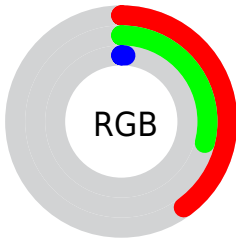
Format	Color
RYB	44, 103, 3
Decimal	6769155
CIELab	33.53, 6.15, 41.32
CIElCh	34, 41.777, 81.535
Yxy	7.7865, 0.4737, 0.4577
Android (android.graphics.Color)	4284959235 (0xFF674A03)
YUV	74.5770, -35.2875, 24.9270
Hunter-Lab	27.9044, 2.7191, 17.0558

Details

The YIQ color **74.5770, 40.0750, -15.9330** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **31.4230, -40.0750, 15.9330**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.1260, 42.9630, -13.2050**, and **33.4460, 21.8710, -5.4010** is the 20% darker color. If you saturate the color by 10%, you get **73.6480, 41.3130, -16.3430**, and if you desaturate by 10%, it is **77.4780, 36.0400, -14.3920**.

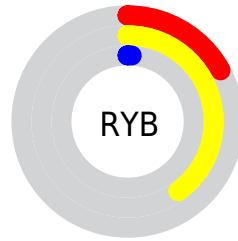
Distribution



Red (40%)

Green (29%)

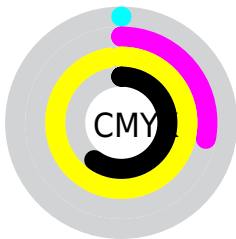
Blue (1%)



Red (17%)

Yellow (40%)

Blue (1%)

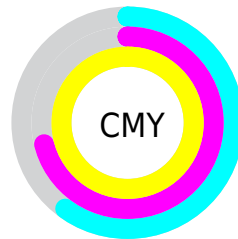


Cyan (0%)

Magenta (28%)

Yellow (97%)

Black (60%)



Cyan (60%)


Magenta (71%)

Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 74.5770, 40.0750, -15.9330 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 74.5770, 40.0750, -15.9330 by changing the saturation by 10% instead.


 74.5770, 40.0750,
-15.9330


 74.5770, 40.0750,
-15.9330


 253.4040, 4.4940,
-4.3540


 52.9600, 31.8670,
-10.3490

 125.1260, 42.9630,
-13.2050


 33.4460, 21.8710,
-5.4010


 151.4960, 44.7970,
-13.4030

 12.7690, 13.8920,
1.5400

 178.8660, 46.6310,
-13.6010

 0.0000, 0.0000,
0.0000

 206.6490, 48.7400,
-13.2760

 229.1530, 38.3330,
-17.4030

 246.9060, 22.7910,

-22.0810

■ 250.0980, 13.8030,
-13.3730

■ 74.5770, 40.0750,
-15.9330

■ 74.5770, 40.0750,
-15.9330

■ 73.6480, 41.3130,
-16.3430

■ 77.4780, 36.0400,
-14.3920

■ 80.4930, 31.6840,
-12.5400

■ 83.3940, 27.6490,
-10.9990

■ 86.2950, 23.6140,
-9.4580

■ 89.3100, 19.2580,
-7.6060

■ 92.2110, 15.2230,
-6.0650

■ 95.1120, 11.1880,
-4.5240

■ 98.0130, 7.1530,
-2.9830

■ 101.0280, 2.7970,
-1.1310

Harmonies

Analogous

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



75.9720, 49.9290, 3.7290



74.5770, 40.0750, -15.9330



71.5200, 17.8860, -26.8020

Triad

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



74.5770, 40.0750, -15.9330



66.8060, -58.5920, -17.4400



80.9040, 10.2190, 29.5710

Complementary

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



74.5770, 40.0750, -15.9330



31.4230, -40.0750, 15.9330

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.



77.4520, -29.8510, 17.8690



74.5770, 40.0750, -15.9330



68.8240, -67.0300, -7.6860

Square

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



74.5770, 40.0750, -15.9330



62.9300, -47.6780, -28.0140



66.3110, -69.5990, 0.3290



77.6160, 37.4530, 31.6050

Rectangle

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



74.5770, 40.0750, -15.9330



68.8470, -5.0840, -29.0200



66.3110, -69.5990, 0.3290



81.2770, -1.1970, 27.2110

Sweetspot

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



74.5770, 40.0750, -15.9330



124.0970, 15.5440, -6.3760



36.3200, 49.9700, 30.5300



62.1550, 9.6290, -3.8030



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



74.5770, 40.0750, -15.9330



96.7170, 54.0600, -21.5880



85.6200, 20.1800, -35.3400



49.8430, 1.8800, -1.0320



81.9320, 46.2650, -17.9830



173.3220, 96.9320, -38.6520

Inverse Universe

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



31.4230, -40.0750, 15.9330



38.2830, -54.0600, 21.5880



20.3800, -20.1800, 35.3400



47.1570, -1.8800, 1.0320



32.4810, -45.9900, 18.5060



68.6780, -96.9320, 38.6520

Previews

White Background



This preview shows how the YIQ color 74.5770, 40.0750, -15.9330 looks on a white background.

Color Contrast Check

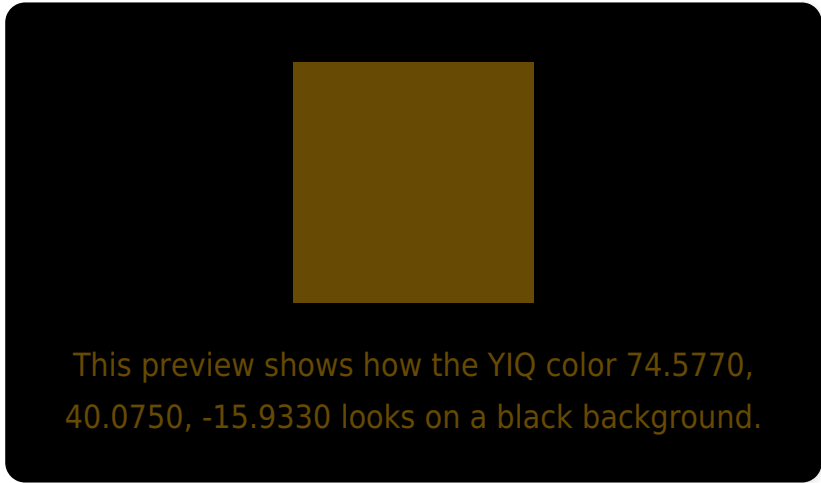
Large Text (above 18pt) WCAG AA ✓ Pass

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

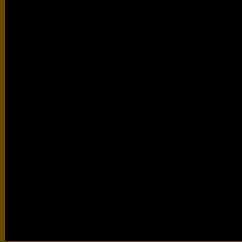
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.5770, 40.0750, -15.9330

Background



This preview shows how black text looks on a background with the YIQ color 74.5770, 40.0750, -15.9330.



This preview shows how white text looks on a background with the YIQ color 74.5770, 40.0750,

-15.9330.

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

74.5770, 40.0750, -15.9330

Protanopia

74.3690, 28.7970, -20.7950

Deuteranopia

73.9250, 38.9750, -18.0250



Tritanopia

80.6330, 20.4470, 9.3990

Trichromacy



Original Color

74.5770, 40.0750, -15.9330

Protanomaly

74.5760, 32.6480, -19.0000

Deuteranomaly

74.3380, 39.2500, -17.5020

Tritanomaly

78.5440, 27.6470, 0.0550

Monochromacy



Original Color

74.5770, 40.0750, -15.9330

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.0260, 14.3060, -5.9660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.5770, 40.0750, -15.9330 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(103, 74, 3)` looks like.

```
.text, #text, p{  
    color:rgb(103, 74, 3)  
}
```

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(103, 74, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 74, 3) }
```

Border

The CSS property to change the border of an element to YIQ 74.5770, 40.0750, -15.9330 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(103, 74, 3) }
```


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

```
.border{ border-color:rgb(103, 74, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 74, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 74, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 74, 3);  
box-shadow:4px 4px 4px 4px rgb(103, 74, 3)  
}
```

Background

The CSS property to change the background color of an element to YIQ 74.5770, 40.0750, -15.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 74, 3) }
```

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

```
.background{ background-color: rgb(103, 74,  
3) }
```

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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