

Converting Colors

YIQ(41.4630, 59.8730, 32.7770)

Have a look what the booklet for
YIQ(41.4630, 59.8730, 32.7770)
contains.

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Color

**YIQ(41.4630, 59.8730,
32.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	77041F
RGB	119, 4, 31
RGB Percent	47%, 2%, 12%
CMY	0.5330, 0.9845, 0.8782
CMYK	0.00, 0.97, 0.74, 0.53
HSL	346°, 94%, 24%
HSV	346°, 97%, 47%
XYZ	7.9089, 4.1122, 1.6770
YIQ	41.4630, 59.8730, 32.7770

Conversions

Conversions Part 2

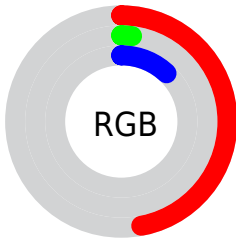
Format	Color
R_YB	119, 4, 31
Decimal	7799839
CIE Lab	24.04, 45.71, 19.27
CIE LCh	24, 49.603, 22.862
Yxy	4.1122, 0.5774, 0.3002
Android (android.graphics.Color)	4285989919 (0xFF77041F)
YUV	41.4630, -5.1583, 67.9999
Hunter-Lab	20.2785, 34.1297, 9.2917

Details

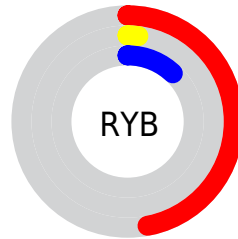
The YIQ color **41.4630, 59.8730, 32.7770** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **81.5370, -59.8730, -32.7770**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **100.8020, 62.9920, 25.8080**, and **18.8370, 37.5480, 13.3560** is the 20% darker color. If you saturate the color by 10%, you get **38.7730, 61.9360, 33.9360**, and if you desaturate by 10%, it is **49.5330, 53.6840, 29.3000**.

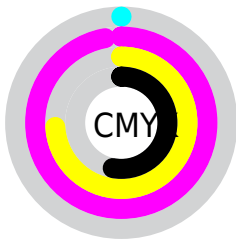
Distribution



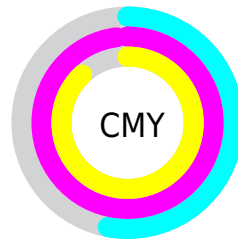
- Red (47%)
- Green (2%)
- Blue (12%)



- Red (47%)
- Yellow (2%)
- Blue (12%)



- Cyan (0%)
- Magenta (97%)
- Yellow (74%)
- Black (53%)



- Cyan (53%)
- Magenta (98%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.4630, 59.8730, 32.7770 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 41.4630, 59.8730, 32.7770 by changing the saturation by 10% instead.

41.4630, 59.8730,
32.7770

41.4630, 59.8730,
32.7770

255.0000, -0.0000,
-0.0000

28.1210, 51.6680,
21.7800

100.8020, 62.9920,
25.8080

18.8370, 37.5480,
13.3560

127.6560, 66.3390,
25.7230

10.2800, 19.9430,
7.5190

155.6240, 69.3650,
25.9490


0.0000, 0.0000,
0.0000


179.5200, 63.7260,
23.5180


198.4470, 47.6340,
17.7940


217.9610, 31.2670,


11.5470


 238.1760, 14.3040,
5.0880


 41.4630, 59.8730,
32.7770


 41.4630, 59.8730,
32.7770


 38.7730, 61.9360,
33.9360

 49.5330, 53.6840,
29.3000

 57.6030, 47.4950,
25.8230

 65.6730, 41.3060,
22.3460

 73.7430, 35.1170,
18.8690

 81.9270, 28.6070,
15.7030

■ 89.4100, 22.6930,
12.7490

■ 97.4800, 16.5040,
9.2720

■ 105.5500, 10.3150,
5.7950

■ 113.6200, 4.1260,
2.3180

Harmonies

Analogous

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



42.7350, 47.9040, 45.9520



41.4630, 59.8730, 32.7770



51.3530, 53.2300, 4.4780

Triad

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



41.4630, 59.8730, 32.7770



40.9590, -20.2590, -34.8430



53.2030, -60.2470, 7.0570

Complementary

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



41.4630, 59.8730, 32.7770



81.5370, -59.8730, -32.7770

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.



55.0150, -57.0820, -0.7460



41.4630, 59.8730, 32.7770



47.6220, -34.8870, -23.0390

Square

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



41.4630, 59.8730, 32.7770



50.7240, 8.6240, -24.1440



52.5410, -47.3600, -11.7440



50.9930, -41.6800, 17.4880

Rectangle

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



41.4630, 59.8730, 32.7770



53.9010, 39.5230, -5.9250



52.5410, -47.3600, -11.7440



54.6220, -60.1090, 4.5550

Sweetspot

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



41.4630, 59.8730, 32.7770



125.0080, 23.8850, 13.1730



42.8240, 14.3410, 53.9970



60.1700, 14.4410, 8.1130



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



41.4630, 59.8730, 32.7770



50.8620, 81.0990, 44.5790



55.4080, 60.5650, 9.2130



54.9080, 3.2550, 1.5830



39.7840, 63.4030, 34.8830



81.4760, 130.0610, 71.3490

Inverse Universe

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



41.4630, 59.8730, 32.7770



50.8620, 81.0990, 44.5790



67.5920, -60.5650, -9.2130



54.9080, 3.2550, 1.5830



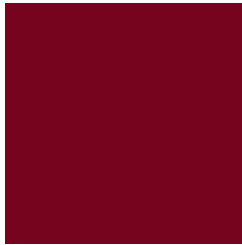
39.7840, 63.4030, 34.8830



81.4760, 130.0610, 71.3490

Previews

White Background



This preview shows how the YIQ color 41.4630, 59.8730, 32.7770 looks on a white background.

Color Contrast Check

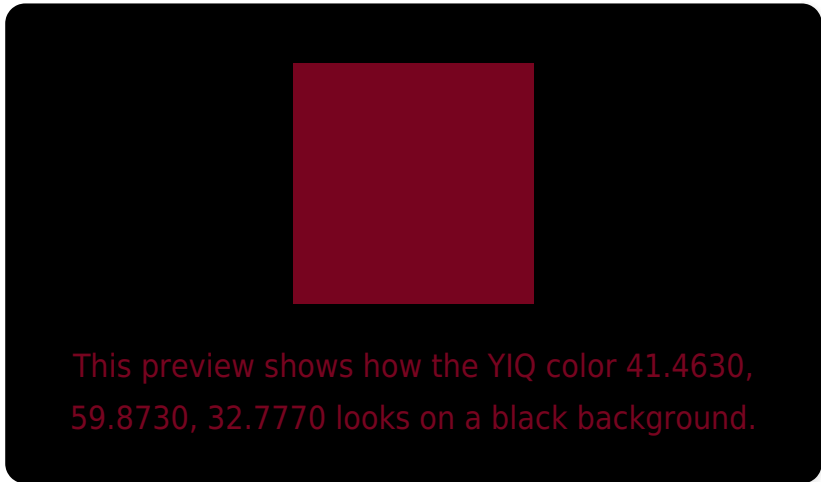
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.4630, 59.8730, 32.7770

Background



This preview shows how black text looks on a background with the YIQ color 41.4630, 59.8730, 32.7770.



This preview shows how white text looks on a background with the YIQ color 41.4630, 59.8730,

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

41.4630, 59.8730, 32.7770

Protanopia

60.0130, 7.1530, -2.9830

Deuteranopia

59.3210, 20.7250, -6.6590



Tritanopia

44.2380, 64.4600, 21.2280

Trichromacy



Original Color

41.4630, 59.8730, 32.7770

Protanomaly

53.5690, 26.4990, 9.8510

Deuteranomaly

52.5930, 35.1190, 7.8150

Tritanomaly

43.3890, 62.7170, 25.2850

Monochromacy



Original Color

41.4630, 59.8730, 32.7770

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.2850, 21.5470, 11.4910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.4630, 59.8730, 32.7770 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(119, 4, 31)` looks like.

```
.text, #text, p{  
    color:rgb(119, 4, 31)  
}
```

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(119, 4, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 4, 31) }
```

Border

The CSS property to change the border of an element to YIQ 41.4630, 59.8730, 32.7770 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(119, 4, 31) }
```


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

```
.border{ border-color:rgb(119, 4, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 4, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 4, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 4, 31);  
box-shadow:4px 4px 4px 4px rgb(119, 4, 31)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.4630, 59.8730, 32.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 4, 31) }
```

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

```
.background{ background-color: rgb(119, 4,  
31) }
```

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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