

Converting Colors

YIQ(48.4630, 59.8730, 32.7770)

Have a look what the booklet for
YIQ(48.4630, 59.8730, 32.7770)
contains.

YIQ(48.4630, 59.8730, 32.7770)	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(48.4630, 59.8730,
32.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	7E0B26
RGB	126, 11, 38
RGB Percent	49%, 4%, 15%
CMY	0.5056, 0.9570, 0.8508
CMYK	0.00, 0.91, 0.70, 0.51
HSL	346°, 84%, 27%
HSV	346°, 91%, 49%
XYZ	9.0850, 4.8198, 2.2899
YIQ	48.4630, 59.8730, 32.7770

Conversions

Conversions Part 2

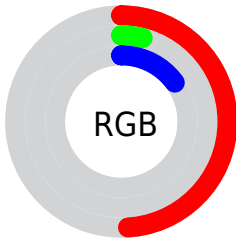
Format	Color
R_{YB}	126, 11, 38
Decimal	8260390
CIE _{Lab}	26.22, 46.65, 17.58
CIE _{LCh}	26, 49.853, 20.648
Yxy	4.8198, 0.5610, 0.2976
Android (android.graphics.Color)	4286450470 (0xFF7E0B26)
YUV	48.4630, -5.1583, 67.9999
Hunter-Lab	21.9540, 35.4470, 9.1837

Details

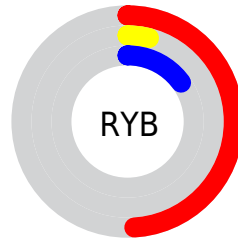
The YIQ color **48.4630, 59.8730, 32.7770** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **88.5370, -59.8730, -32.7770**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **106.3400, 64.4130, 27.5890**, and **20.9300, 41.7200, 14.8400** is the 20% darker color. If you saturate the color by 10%, you get **41.0940, 65.4660, 36.0420**, and if you desaturate by 10%, it is **57.2340, 53.0880, 29.0880**.

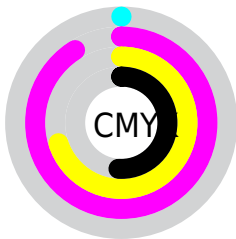
Distribution



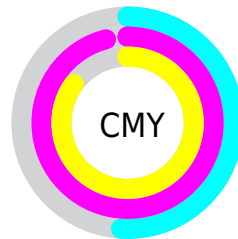
- Red (49%)
- Green (4%)
- Blue (15%)



- Red (49%)
- Yellow (4%)
- Blue (15%)



- Cyan (0%)
- Magenta (91%)
- Yellow (70%)
- Black (51%)



- Cyan (51%)
- Magenta (96%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.4630, 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 48.4630, 59.8730, 32.7770 by changing the saturation by 10% instead.

■ 48.4630, 59.8730,
32.7770

■ 48.4630, 59.8730,
32.7770

255.0000, -0.0000,
-0.0000

■ 31.0550, 52.0340,
26.1620

■ 106.4540, 64.0920,
27.9000

■ 20.9300, 41.7200,
14.8400

■ 134.0090, 66.8430,
27.6030

■ 12.9710, 25.3070,
9.4270

■ 161.6780, 69.2730,
27.6170


■ 0.0000, 0.0000,
0.0000


■ 183.4810, 59.4620,
23.7020


■ 202.9950, 43.0950,
17.4550


■ 222.5090, 26.7280,


11.2080


 242.8380, 9.4440,
5.0600


 48.4630, 59.8730,
32.7770


 48.4630, 59.8730,
32.7770


 41.0940, 65.4660,
36.0420

 57.2340, 53.0880,
29.0880

 65.3040, 46.8990,
25.6110

 74.0750, 40.1140,
21.9220

 82.2590, 33.6040,
18.7560

 90.9160, 27.1400,
14.7560

■ 99.6870, 20.3550,
11.0670

■ 107.8710, 13.8450,
7.9010

■ 116.5280, 7.3810,
3.9010

■ 124.7120, 0.8710,
0.7350

Harmonies

Analogous

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



49.8380, 46.1160, 45.3160



48.4630, 59.8730, 32.7770



55.5060, 57.1730, 4.6050

Triad

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



48.4630, 59.8730, 32.7770



44.0080, -21.9550, -37.1470



56.8220, -63.5480, 6.3080

Complementary

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



48.4630, 59.8730, 32.7770



88.5370, -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.



58.4060, -59.7410, -2.1170



48.4630, 59.8730, 32.7770



50.6710, -36.5830, -25.3430

Square

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



48.4630, 59.8730, 32.7770



55.7630, 12.8880, -24.3280



55.8180, -49.6980, -13.4260



54.1170, -47.9610, 15.6790

Rectangle

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



48.4630, 59.8730, 32.7770



58.9400, 43.7870, -6.1090



55.8180, -49.6980, -13.4260



58.1270, -63.0890, 3.4950

Sweetspot

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



48.4630, 59.8730, 32.7770



133.4100, 22.6930, 12.7490



49.8240, 14.3410, 53.9970



63.8710, 13.8450, 7.9010



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



48.4630, 59.8730, 32.7770



53.0690, 84.9500, 46.3740



62.4080, 60.5650, 9.2130



59.3210, 3.5300, 2.1060



41.6920, 66.6580, 36.4660



0.0000, 0.0000, 0.0000

Inverse Universe

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



48.4630, 59.8730, 32.7770



53.0690, 84.9500, 46.3740



74.5920, -60.5650, -9.2130



59.3210, 3.5300, 2.1060



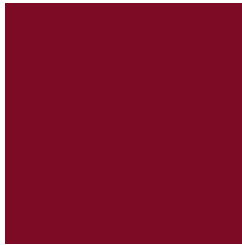
41.6920, 66.6580, 36.4660



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 48.4630, 59.8730, 32.7770 looks on a white background.

Color Contrast Check

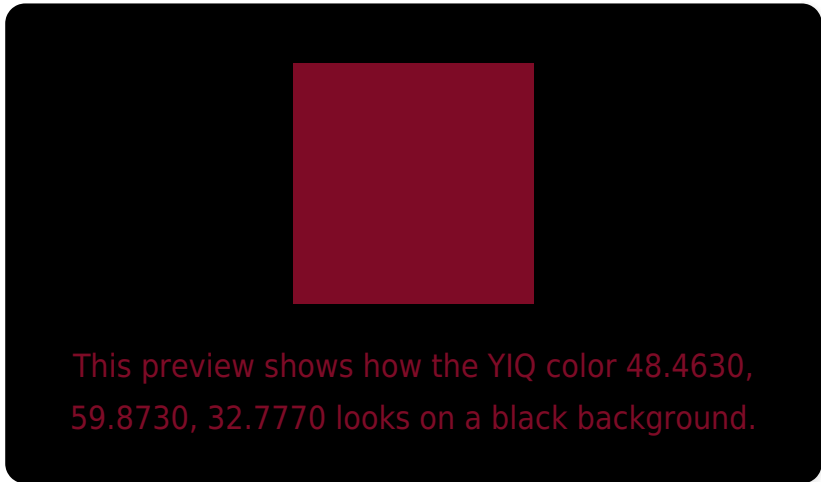
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.4630, 59.8730, 32.7770

Background



This preview shows how black text looks on a background with the YIQ color 48.4630, 59.8730, 32.7770.



This preview shows how white text looks on a background with the YIQ color 48.4630, 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

48.4630, 59.8730, 32.7770

Protanopia

64.2840, 4.9520, -1.6400

Deuteranopia

63.9620, 20.3580, -5.5140



Tritanopia

50.0640, 65.0100, 22.2740

Trichromacy



Original Color

48.4630, 59.8730, 32.7770

Protanomaly

58.6120, 24.9400, 10.5720

Deuteranomaly

58.1200, 35.0730, 8.6490

Tritanomaly

49.2150, 63.2670, 26.3310

Monochromacy



Original Color

48.4630, 59.8730, 32.7770

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

48.2850, 21.5470, 11.4910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.4630, 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(126, 11, 38)` looks like.

```
.text, #text, p{  
    color:rgb(126, 11, 38)  
}
```

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(126, 11, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 11, 38) }
```

Border

The CSS property to change the border of an element to YIQ 48.4630, 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(126, 11, 38) }
```


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

```
.border{ border-color:rgb(126, 11, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 11, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 11, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 11, 38);  
box-shadow:4px 4px 4px 4px rgb(126, 11,  
38) }
```

Background

The CSS property to change the background color of an element to YIQ 48.4630, 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(126, 11, 38) }
```

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

```
.background{ background-color: rgb(126, 11,  
38) }
```

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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