

Converting Colors

YIQ(59.7760, 48.6860, 31.7740)

Have a look what the booklet for
YIQ(59.7760, 48.6860, 31.7740)
contains.

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Color

**YIQ(59.7760, 48.6860,
31.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	7E1A3C
RGB	126, 26, 60
RGB Percent	49%, 10%, 24%
CMY	0.5056, 0.8982, 0.7645
CMYK	0.00, 0.79, 0.52, 0.51
HSL	340°, 66%, 30%
HSV	340°, 79%, 49%
XYZ	9.7991, 5.5043, 4.8268
YIQ	59.7760, 48.6860, 31.7740

Conversions

Conversions Part 2

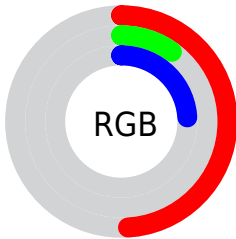
Format	Color
R_{YB}	126, 26, 60
Decimal	8264252
CIE Lab	28.13, 44.25, 5.30
CIE LCh	28, 44.570, 6.824
Yxy	5.5043, 0.4868, 0.2734
Android (android.graphics.Color)	4286454332 (0xFF7E1A3C)
YUV	59.7760, 0.1104, 58.0784
Hunter-Lab	23.4612, 33.4978, 4.2247

Details

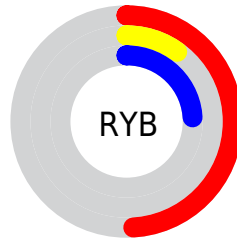
The YIQ color **59.7760, 48.6860, 31.7740** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **92.2240, -48.6860, -31.7740**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.8750, 52.7210, 30.2330**, and **23.2810, 36.5380, 20.6500** is the 20% darker color. If you saturate the color by 10%, you get **51.2330, 54.8290, 36.0850**, and if you desaturate by 10%, it is **68.3190, 42.5430, 27.4630**.

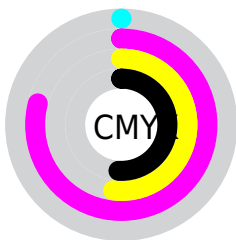
Distribution



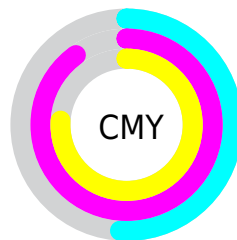
- Red (49%)
- Green (10%)
- Blue (24%)



- Red (49%)
- Yellow (10%)
- Blue (24%)



- Cyan (0%)
- Magenta (79%)
- Yellow (52%)
- Black (51%)



- Cyan (51%)
- Magenta (90%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.7760, 48.6860, 31.7740 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 59.7760, 48.6860, 31.7740 by changing the saturation by 10% instead.

■ 59.7760, 48.6860,
31.7740

■ 59.7760, 48.6860,
31.7740

■ 255.0000, -0.0000,
-0.0000

■ 33.7480, 45.8890,
32.9050

■ 113.8750, 52.7210,
30.2330

■ 23.2810, 36.5380,
20.6500

■ 140.6580, 54.8300,
30.5580

■ 14.2810, 27.3700,
10.5860

■ 168.4410, 56.9390,
30.8830

■ 0.0000, 0.0000,
0.0000

■ 191.2550, 48.5950,
27.9150

■ 210.8830, 31.9070,
21.9790

■ 231.0980, 14.9440,

15.5200

249.7170, 2.4750,
4.7070

59.7760, 48.6860,
31.7740

59.7760, 48.6860,
31.7740

51.2330, 54.8290,
36.0850

68.3190, 42.5430,
27.4630

43.1630, 61.0180,
39.5620

76.3890, 36.3540,
23.9860

42.5760, 61.2930,
40.0850

84.9320, 30.2110,
19.6750

92.8880, 24.3430,
15.8870

101.5450, 17.8790,
11.8870

■ 110.0880, 11.7360,
7.5760

■ 118.0440, 5.8680,
3.7880

■ 126.7010, -0.5960,
-0.2120

■ 134.6570, -6.4640,
-4.0000

Harmonies

Analogous

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



65.0480, 27.5490, 34.8850



59.7760, 48.6860, 31.7740



61.5630, 52.9990, 14.1750

Triad

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



59.7760, 48.6860, 31.7740



55.6750, 1.1520, -31.9040



60.0190, -62.9050, 0.1590

Complementary

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



59.7760, 48.6860, 31.7740



92.2240, -48.6860, -31.7740

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.



59.7450, -56.6220, -9.0860



59.7760, 48.6860, 31.7740



51.2920, -34.1980, -30.0220

Square

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



59.7760, 48.6860, 31.7740



61.7540, 26.2750, -19.1410



56.5700, -46.3040, -19.8720



55.3060, -62.0350, 6.4210

Rectangle

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



59.7760, 48.6860, 31.7740



62.1090, 50.8010, -1.0630



56.5700, -46.3040, -19.8720



60.5090, -61.5290, -2.7530

Sweetspot

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



59.7760, 48.6860, 31.7740



137.1430, 19.0710, 12.3110



56.8350, 6.6400, 44.8800



66.0880, 11.7360, 7.5760



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.



59.7760, 48.6860, 31.7740



60.3870, 75.3670, 49.3430



64.7050, 55.4750, 13.3550



59.4350, 3.2090, 2.4170



43.1740, 62.4850, 40.5090



0.0000, 0.0000, 0.0000

Inverse Universe

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



59.7760, 48.6860, 31.7740



60.3870, 75.3670, 49.3430



87.2950, -55.4750, -13.3550



59.4350, 3.2090, 2.4170



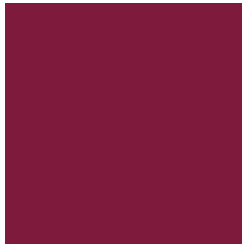
43.1740, 62.4850, 40.5090



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 59.7760, 48.6860, 31.7740 looks on a white background.

Color Contrast Check

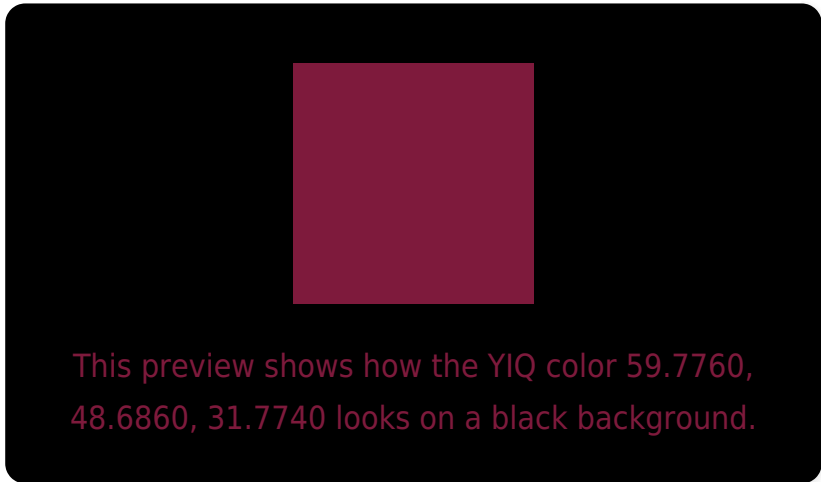
Large Text (above 18pt) WCAG AA ✓ Pass

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

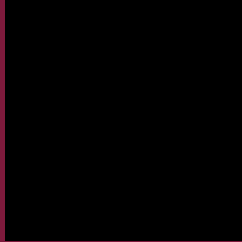
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.7760, 48.6860, 31.7740

Background



This preview shows how black text looks on a background with the YIQ color 59.7760, 48.6860, 31.7740.



This preview shows how white text looks on a background with the YIQ color 59.7760, 48.6860,

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

59.7760, 48.6860, 31.7740

Protanopia

68.1120, -6.0070, 4.2410

Deuteranopia

68.0460, 11.5540, -0.1420



Tritanopia

60.6220, 54.5110, 19.8150

Trichromacy



Original Color

59.7760, 48.6860, 31.7740

Protanomaly

64.9730, 13.7980, 14.2620

Deuteranomaly

65.1390, 24.8940, 11.4060

Tritanomaly

59.8870, 52.4470, 24.1830

Monochromacy



Original Color

59.7760, 48.6860, 31.7740

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

60.1320, 17.6040, 11.3640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.7760, 48.6860, 31.7740 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, 26, 60)` looks like.

```
.text, #text, p{  
    color:rgb(126, 26, 60)  
}
```

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, 26, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 26, 60) }
```

Border

The CSS property to change the border of an element to YIQ 59.7760, 48.6860, 31.7740 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, 26, 60) }
```


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

```
.border{ border-color:rgb(126, 26, 60) }
```

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

Here you see how a box with a 4 pixel rgb(126, 26, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 26, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 26, 60);  
box-shadow:4px 4px 4px 4px rgb(126, 26,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 59.7760, 48.6860, 31.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 26, 60) }
```

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

```
.background{ background-color: rgb(126, 26,  
60) }
```

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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