

Converting Colors

YIQ(24.4790, 27.4130, 26.3330)

Have a look what the booklet for
YIQ(24.4790, 27.4130, 26.3330)
contains.

YIQ(24.4790, 27.4130, 26.3330)	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(24.4790, 27.4130,
26.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	430027
RGB	67, 0, 39
RGB Percent	26%, 0%, 15%
CMY	0.7371, 1.0000, 0.8470
CMYK	0.00, 1.00, 0.42, 0.74
HSL	325°, 100%, 13%
HSV	325°, 100%, 26%
XYZ	2.6845, 1.3416, 2.0387
YIQ	24.4790, 27.4130, 26.3330

Conversions

Conversions Part 2

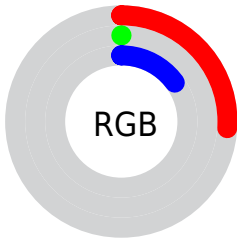
Format	Color
RYB	67, 0, 39
Decimal	4390951
CIELab	11.56, 33.46, -5.59
CIElCh	12, 33.925, 350.524
Yxy	1.3416, 0.4426, 0.2212
Android (android.graphics.Color)	4282581031 (0xFF430027)
YUV	24.4790, 7.1589, 37.2909
Hunter-Lab	11.5826, 21.1013, -2.3278

Details

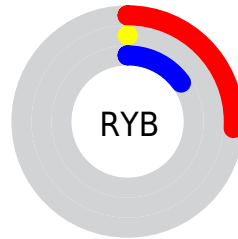
The YIQ color **24.4790, 27.4130, 26.3330** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **42.5210, -27.4130, -26.3330**, and the grayscale version is **24.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **74.7950, 29.3390, 24.4670**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.4790, 27.4130, 26.3330**, and if you desaturate by 10%, it is **28.9300, 24.5250, 23.6050**.

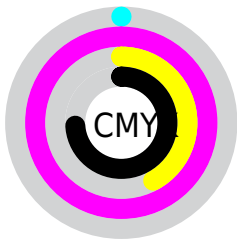
Distribution



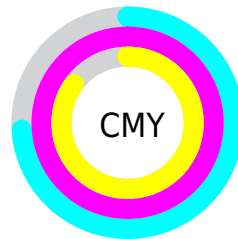
- Red (26%)
- Green (0%)
- Blue (15%)



- Red (26%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (74%)





- Cyan (74%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 24.4790, 27.4130, 26.3330 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 24.4790, 27.4130, 26.3330 by changing the saturation by 10% instead.

 24.4790, 27.4130,
26.3330


 24.4790, 27.4130,
26.3330


 243.8470, 5.2250,
9.9370


 15.6210, 20.7210,
15.4490

 74.7950, 29.3390,
24.4670

 0.0000, 0.0000,
0.0000

 99.6920, 31.1270,
25.1030

 125.5890, 32.9150,
25.7390


 152.1870, 34.1070,
26.1630


 179.7850, 35.2990,
26.5870


 206.3010, 33.7860,


26.4740


 226.0430, 16.7770,
20.8490


 24.4790, 27.4130,
26.3330

 28.9300, 24.5250,
23.6050

 32.7940, 21.9120,
21.4000

 37.1310, 19.3450,
18.3610

 41.5820, 16.4570,
15.6330

 46.0330, 13.5690,
12.9050

■ 49.8970, 10.9560,
10.7000

■ 54.3480, 8.0680,
7.9720

■ 58.6850, 5.5010,
4.9330

■ 62.5490, 2.8880,
2.7280

Harmonies

Analogous

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



30.1220, 6.3690, 22.2490



24.4790, 27.4130, 26.3330



23.2270, 36.6300, 18.9820

Triad

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



24.4790, 27.4130, 26.3330



27.4330, 5.5500, -12.4820



30.4170, -31.9110, 0.1290

Complementary

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



24.4790, 27.4130, 26.3330



42.5210, -27.4130, -26.3330

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.



29.3110, -26.0410, -7.1370



24.4790, 27.4130, 26.3330



22.3060, -10.4500, -19.8740

Square

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



24.4790, 27.4130, 26.3330



29.6030, 19.9910, -4.3690



26.5750, -18.3370, -14.6010



29.9100, -34.6170, 5.1190

Rectangle

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



24.4790, 27.4130, 26.3330



25.6040, 36.5860, 8.7620



26.5750, -18.3370, -14.6010



30.4340, -30.5810, -1.9490

Sweetspot

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



24.4790, 27.4130, 26.3330



70.4840, 10.6810, 10.1770



16.0100, -4.8190, 26.7730



33.5110, 6.0510, 5.9790



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



24.4790, 27.4130, 26.3330



31.7130, 35.8020, 33.9940



20.7170, 38.0060, 16.0700



31.1250, 1.1460, 1.2580



35.3870, 39.8360, 37.9800



81.9100, 91.4530, 88.2290

Inverse Universe

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



24.4790, 27.4130, 26.3330



31.7130, 35.8020, 33.9940



46.2830, -38.0060, -16.0700



31.1250, 1.1460, 1.2580



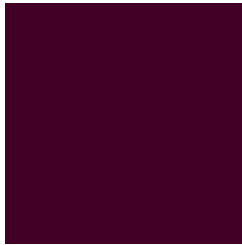
35.3870, 39.8360, 37.9800



81.9100, 91.4530, 88.2290

Previews

White Background



This preview shows how the YIQ color 24.4790, 27.4130, 26.3330 looks on a white background.

Color Contrast Check

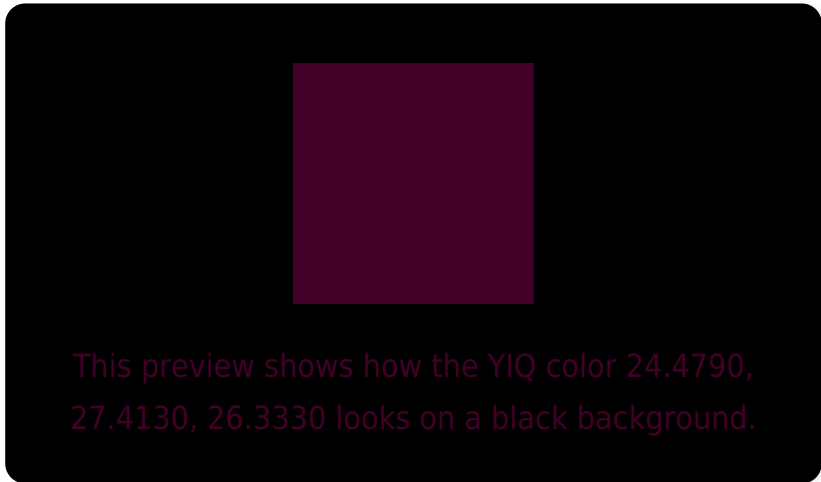
Large Text (above 18pt) WCAG AA ✓ Pass

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

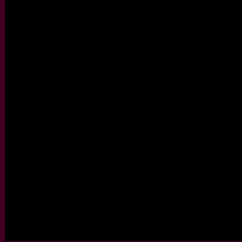
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 24.4790, 27.4130, 26.3330

Background



This preview shows how black text looks on a background with the YIQ color 24.4790, 27.4130, 26.3330.



This preview shows how white text looks on a background with the YIQ color 24.4790, 27.4130,

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

24.4790, 27.4130, 26.3330

Protanopia

35.0020, -11.5090, 4.8350

Deuteranopia

35.4240, 1.7420, 1.4700



Tritanopia

30.3630, 30.0750, 11.1230

Trichromacy



Original Color

24.4790, 27.4130, 26.3330

Protanomaly

31.1720, 2.9320, 12.9480

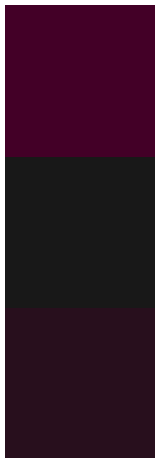
Deuteranomaly

31.7830, 11.2770, 10.3890

Tritanomaly

28.3400, 28.8820, 16.2260

Monochromacy



Original Color

24.4790, 27.4130, 26.3330

Achromatopsia

24.0000, -0.0000, 0.0000

Achromatomaly

24.0710, 10.4060, 9.6540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 24.4790, 27.4130, 26.3330 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(67, 0, 39)` looks like.

```
.text, #text, p{  
    color:rgb(67, 0, 39)  
}
```

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(67, 0, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 0, 39) }
```

Border

The CSS property to change the border of an element to YIQ 24.4790, 27.4130, 26.3330 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(67, 0, 39) }
```


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

```
.border{ border-color:rgb(67, 0, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 0, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 0, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(67, 0, 39); box-shadow:4px  
4px 4px 4px rgb(67, 0, 39) }
```

Background

The CSS property to change the background color of an element to YIQ 24.4790, 27.4130, 26.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 0, 39) }
```

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

```
.background{ background-color: rgb(67, 0,  
39) }
```

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