

Converting Colors

YIQ(40.4610, 26.6830, 6.5150)

Have a look what the booklet for
YIQ(40.4610, 26.6830, 6.5150)
contains.

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Color

**YIQ(40.4610, 26.6830,
6.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	461D16
RGB	70, 29, 22
RGB Percent	27%, 11%, 9%
CMY	0.7254, 0.8863, 0.9136
CMYK	0.00, 0.59, 0.69, 0.73
HSL	9°, 52%, 18%
HSV	9°, 69%, 27%
XYZ	3.1115, 2.2389, 1.0286
YIQ	40.4610, 26.6830, 6.5150

Conversions

Conversions Part 2

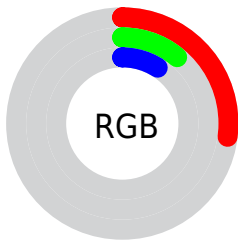
Format	Color
RYB	70, 30, 22
Decimal	4594966
CIELab	16.69, 19.03, 14.09
CIELCh	17, 23.675, 36.521
Yxy	2.2389, 0.4878, 0.3510
Android (android.graphics.Color)	4282785046 (0xFF461D16)
YUV	40.4610, -9.1013, 25.9057
Hunter-Lab	14.9629, 10.9338, 6.3981

Details


The YIQ color **40.4610, 26.6830, 6.5150** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **51.5390, -26.6830, -6.5150**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **87.0270, 30.9010, 7.1650**, and **3.5880, 7.1520, 2.5440** is the 20% darker color. If you saturate the color by 10%, you get **36.1410, 30.5800, 7.4760**, and if you desaturate by 10%, it is **44.7810, 22.7860, 5.5540**.

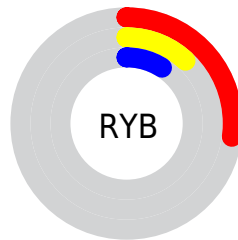
Distribution



 Red (27%)

 Green (11%)

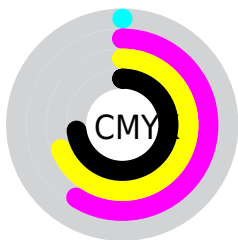
 Blue (9%)




 Red (27%)

 Yellow (12%)

 Blue (9%)

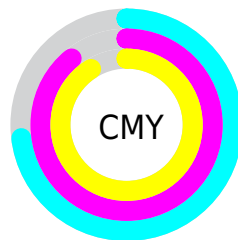


 Cyan (0%)

 Magenta (59%)

 Yellow (69%)

 Black (73%)



 Cyan (73%)

 Magenta (89%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.4610, 26.6830, 6.5150 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 40.4610, 26.6830, 6.5150 by changing the saturation by 10% instead.

■ 40.4610, 26.6830,
6.5150

■ 40.4610, 26.6830,
6.5150

■ 254.2020, 2.2470,
-2.1770

■ 18.1620, 26.0870,
6.3030

■ 87.0270, 30.9010,
7.1650

■ 3.5880, 7.1520,
2.5440

■ 111.8100, 33.0100,
7.4900

■ 0.0000, 0.0000,
0.0000


■ 137.5930, 35.1190,
7.8150


■ 164.1910, 36.3110,
8.2390


■ 191.6750, 37.8240,
8.3520


■ 217.7670, 34.5690,


6.7690


 237.3950, 17.8810,
0.8330


 40.4610, 26.6830,
6.5150


 40.4610, 26.6830,
6.5150


 36.1410, 30.5800,
7.4760


 44.7810, 22.7860,
5.5540


 31.8210, 34.4770,
8.4370


 49.1010, 18.8890,
4.5930

 27.5010, 38.3740,
9.3980

 53.4210, 14.9920,
3.6320

 26.8000, 38.9700,
9.6100

 57.7410, 11.0950,
2.6710

 62.0610, 7.1980,
1.7100

■ 66.3810, 3.3010,
0.7490

■ 70.7010, -0.5960,
-0.2120

■ 75.0210, -4.4930,
-1.1730

■ 79.3410, -8.3900,
-2.1340

Harmonies

Analogous

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



41.1220, 23.5640, 13.4840



40.4610, 26.6830, 6.5150



39.5820, 24.4840, -3.1960

Triad

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



40.4610, 26.6830, 6.5150



31.5530, -21.2710, -16.4950



37.0910, -27.8770, 4.1150

Complementary

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



40.4610, 26.6830, 6.5150



51.5390, -26.6830, -6.5150

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.



35.7970, -36.0370, -2.1890



40.4610, 26.6830, 6.5150



33.8930, -27.9200, -11.6320

Square

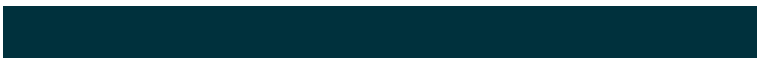
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.4610, 26.6830, 6.5150



36.9270, 1.1030, -14.4890



35.7170, -33.0560, -6.6560



42.4640, -3.7620, 13.1180

Rectangle

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



40.4610, 26.6830, 6.5150



39.2560, 19.3500, -9.2740



35.7170, -33.0560, -6.6560



34.3780, -36.1750, 0.3130

Sweetspot

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



40.4610, 26.6830, 6.5150



79.8550, 10.7740, 2.9820



41.1400, 15.1260, 23.2380



38.7620, 6.6020, 1.4980



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



40.4610, 26.6830, 6.5150



45.2950, 41.9500, 10.6700



53.9620, 20.3580, -5.5140



33.7830, 2.1090, 0.3250



37.8190, 55.1540, 13.6660



87.2440, 126.2170, 30.8650

Inverse Universe

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



51.5390, -26.6830, -6.5150



63.1180, -41.6750, -10.1470



38.0380, -20.3580, 5.5140



34.2170, -2.1090, -0.3250



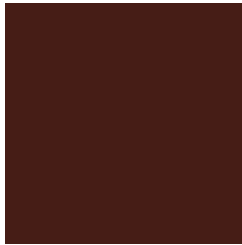
61.1810, -55.1540, -13.6660



139.7560, -126.2170, -30.8650

Previews

White Background



This preview shows how the YIQ color 40.4610, 26.6830, 6.5150 looks on a white background.

Color Contrast Check

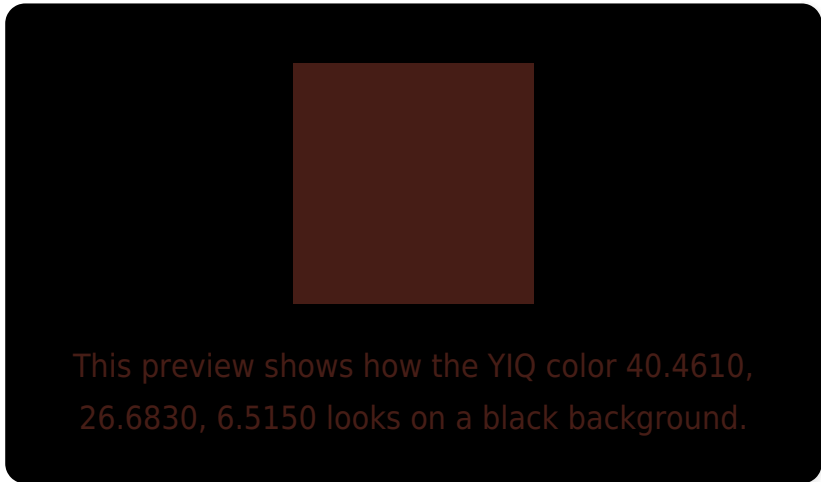
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4610, 26.6830, 6.5150

Background



This preview shows how black text looks on a background with the YIQ color 40.4610, 26.6830, 6.5150.

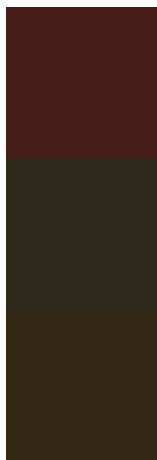


This preview shows how white text looks on a background with the YIQ color 40.4610, 26.6830,

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

40.4610, 26.6830, 6.5150

Protanopia

41.4860, 7.1990, -3.8170

Deuteranopia

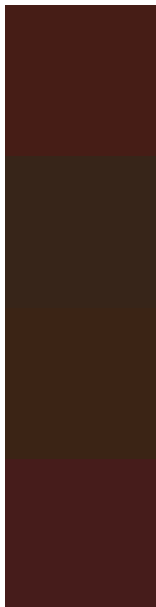
41.3080, 13.5720, -3.6760



Tritanopia

40.7860, 24.3900, 9.5260

Trichromacy



Original Color

40.4610, 26.6830, 6.5150

Protanomaly

41.0140, 14.5800, 0.0840

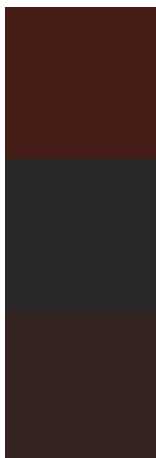
Deuteranomaly

41.1670, 18.5230, 0.2110

Tritanomaly

40.4440, 25.3530, 8.5930

Monochromacy



Original Color

40.4610, 26.6830, 6.5150

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

40.1430, 9.9030, 2.2470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.4610, 26.6830, 6.5150 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(70, 29, 22)` looks like.

```
.text, #text, p{  
    color:rgb(70, 29, 22)  
}
```

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(70, 29, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 29, 22) }
```

Border

The CSS property to change the border of an element to YIQ 40.4610, 26.6830, 6.5150 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(70, 29, 22) }
```


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

```
.border{ border-color:rgb(70, 29, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 29, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 29, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 29, 22);  
box-shadow:4px 4px 4px 4px rgb(70, 29, 22)  
}
```

Background

The CSS property to change the background color of an element to YIQ 40.4610, 26.6830, 6.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 29, 22) }
```

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

```
.background{ background-color: rgb(70, 29,  
22) }
```

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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