

Converting Colors

YIQ(43.7900, 18.5670, 10.4310)

Have a look what the booklet for
YIQ(43.7900, 18.5670, 10.4310)
contains.

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Color

**YIQ(43.7900, 18.5670,
10.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	442029
RGB	68, 32, 41
RGB Percent	27%, 13%, 16%
CMY	0.7332, 0.8746, 0.8391
CMYK	0.00, 0.53, 0.40, 0.73
HSL	345°, 36%, 20%
HSV	345°, 53%, 27%
XYZ	3.3022, 2.4222, 2.3929
YIQ	43.7900, 18.5670, 10.4310

Conversions

Conversions Part 2

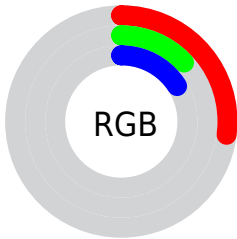
Format	Color
RYB	68, 32, 41
Decimal	4464681
CIELab	17.56, 18.48, 1.85
CIELCh	18, 18.575, 5.705
Yxy	2.4222, 0.4068, 0.2984
Android (android.graphics.Color)	4282654761 (0xFF442029)
YUV	43.7900, -1.3755, 21.2322
Hunter-Lab	15.5634, 10.6371, 1.7786

Details

The YIQ color **43.7900, 18.5670, 10.4310** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **56.2100, -18.5670, -10.4310**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **90.2850, 21.5470, 11.4910**, and **5.6810, 11.3240, 4.0280** is the 20% darker color. If you saturate the color by 10%, you get **39.1110, 22.0970, 12.5370**, and if you desaturate by 10%, it is **48.4690, 15.0370, 8.3250**.

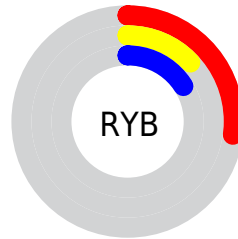
Distribution



Red (27%)

Green (13%)

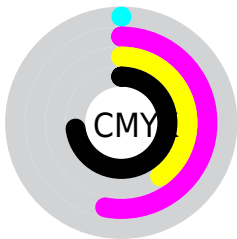
Blue (16%)



Red (27%)

Yellow (13%)

Blue (16%)

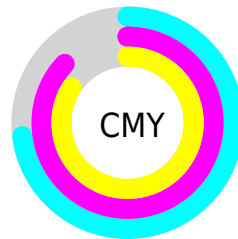


Cyan (0%)

Magenta (53%)

Yellow (40%)

Black (73%)



Cyan (73%)

Magenta (87%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.7900, 18.5670, 10.4310 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 43.7900, 18.5670, 10.4310 by changing the saturation by 10% instead.

■ 43.7900, 18.5670,
10.4310

■ 43.7900, 18.5670,
10.4310

■ 255.0000, -0.0000,
-0.0000

■ 22.3060, 17.0540,
10.3180

■ 90.2850, 21.5470,
11.4910

■ 5.6810, 11.3240,
4.0280

■ 114.8830, 22.7390,
11.9150

■ 0.0000, 0.0000,
0.0000

■ 141.1820, 23.3350,
12.1270

■ 167.7800, 24.5270,
12.5510

■ 195.0790, 25.1230,
12.7630

■ 222.4920, 25.3980,

13.2860

242.7070, 8.4350,
6.8270

43.7900, 18.5670,
10.4310

43.7900, 18.5670,
10.4310

39.1110, 22.0970,
12.5370

48.4690, 15.0370,
8.3250

34.4320, 25.6270,
14.6430

53.1480, 11.5070,
6.2190

30.3400, 28.8820,
16.2260

57.2400, 8.2520,
4.6360

25.6610, 32.4120,
18.3320

61.9190, 4.7220,
2.5300

22.2700, 35.0710,
19.7030

66.7120, 0.8710,
0.7350

■ 71.3910, -2.6590,
-1.3710

■ 76.0700, -6.1890,
-3.4770

■ 80.1620, -9.4440,
-5.0600

■ 84.8410, -12.9740,
-7.1660

Harmonies

Analogous

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



44.6520, 10.2680, 12.1560



43.7900, 18.5670, 10.4310



43.1830, 21.5940, 5.1300

Triad

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



43.7900, 18.5670, 10.4310



40.4480, 1.1940, -10.6300



35.2270, -34.4320, -3.7440

Complementary

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



43.7900, 18.5670, 10.4310



56.2100, -18.5670, -10.4310

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.



35.3750, -32.0930, -7.5890



43.7900, 18.5670, 10.4310



37.4940, -13.6150, -12.0710

Square

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



43.7900, 18.5670, 10.4310



41.7160, 12.2430, -7.1250



34.4800, -28.1950, -12.1550



41.5820, -19.0740, 4.2700

Rectangle

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



43.7900, 18.5670, 10.4310



42.9500, 20.6320, 0.5360



34.4800, -28.1950, -12.1550



35.5860, -34.0650, -4.8890

Sweetspot

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



43.7900, 18.5670, 10.4310



79.6420, 7.0600, 4.2120



43.8780, 3.9400, 16.7080



39.9190, 4.7220, 2.5300



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.



43.7900, 18.5670, 10.4310



50.6390, 29.4780, 16.4380



47.4600, 19.2560, 3.4480



31.0110, 1.4670, 0.9470



31.7390, 50.1080, 28.0280



73.3600, 115.5280, 64.9040

Inverse Universe

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



43.7900, 18.5670, 10.4310



50.6390, 29.4780, 16.4380



52.5400, -19.2560, -3.4480



31.0110, 1.4670, 0.9470



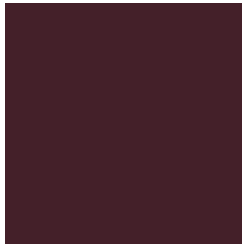
31.7390, 50.1080, 28.0280



73.3600, 115.5280, 64.9040

Previews

White Background



This preview shows how the YIQ color 43.7900, 18.5670, 10.4310 looks on a white background.

Color Contrast Check

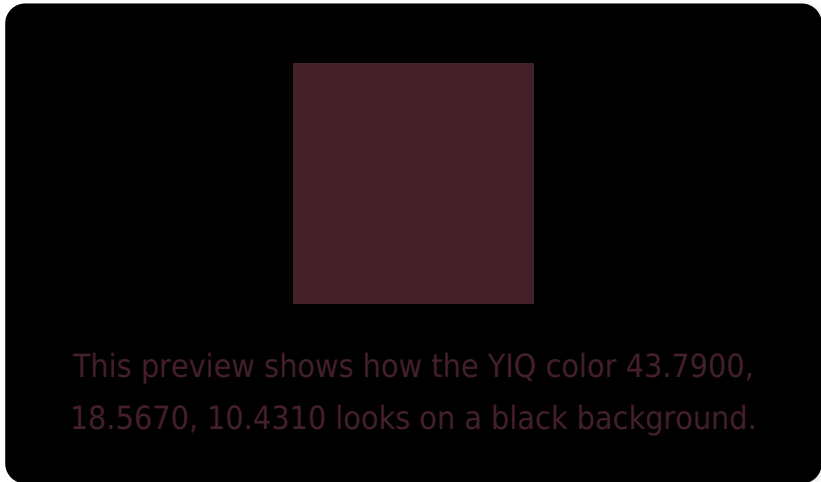
Large Text (above 18pt) WCAG AA ✓ Pass

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

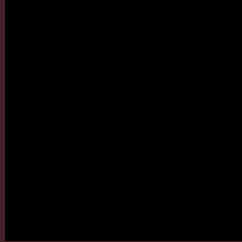
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.7900, 18.5670, 10.4310

Background



This preview shows how black text looks on a background with the YIQ color 43.7900, 18.5670, 10.4310.



This preview shows how white text looks on a background with the YIQ color 43.7900, 18.5670,

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

43.7900, 18.5670, 10.4310

Protanopia

44.1570, -1.8800, 1.0320

Deuteranopia

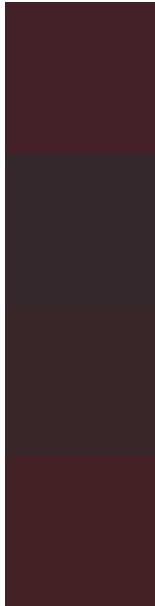
44.0500, 5.7310, 0.7630



Tritanopia

43.6930, 20.2180, 8.0420

Trichromacy



Original Color

43.7900, 18.5670, 10.4310

Protanomaly

44.1580, 5.5470, 4.0990

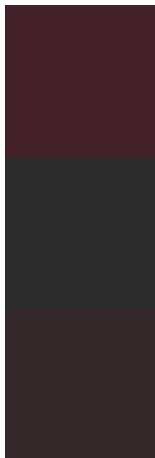
Deuteranomaly

43.9090, 10.6820, 4.6500

Tritanomaly

43.9210, 19.5760, 8.6640

Monochromacy



Original Color

43.7900, 18.5670, 10.4310

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.2290, 6.7850, 3.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.7900, 18.5670, 10.4310 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(68, 32, 41)` looks like.

```
.text, #text, p{  
    color:rgb(68, 32, 41)  
}
```

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(68, 32, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 32, 41) }
```

Border

The CSS property to change the border of an element to YIQ 43.7900, 18.5670, 10.4310 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(68, 32, 41) }
```


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

```
.border{ border-color:rgb(68, 32, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 32, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 32, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 32, 41);  
box-shadow:4px 4px 4px 4px rgb(68, 32, 41)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.7900, 18.5670, 10.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 32, 41) }
```

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

```
.background{ background-color: rgb(68, 32,  
41) }
```

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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