

Converting Colors

YIQ(43.1830, 49.0980, 35.3220)

Have a look what the booklet for
YIQ(43.1830, 49.0980, 35.3220)
contains.

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Color

**YIQ(43.1830, 49.0980,
35.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	700731
RGB	112, 7, 49
RGB Percent	44%, 3%, 19%
CMY	0.5605, 0.9727, 0.8077
CMYK	0.00, 0.94, 0.56, 0.56
HSL	336°, 88%, 23%
HSV	336°, 94%, 44%
XYZ	7.3218, 3.8225, 3.2622
YIQ	43.1830, 49.0980, 35.3220

Conversions

Conversions Part 2

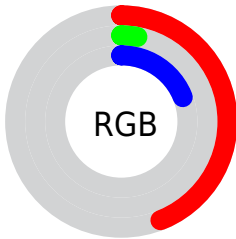
Format	Color
R_YB	112, 7, 49
Decimal	7341873
CIE Lab	23.08, 44.32, 5.25
CIE LCh	23, 44.628, 6.761
Yxy	3.8225, 0.5082, 0.2653
Android (android.graphics.Color)	4285531953 (0xFF700731)
YUV	43.1830, 2.8678, 60.3525
Hunter-Lab	19.5511, 32.6329, 3.7929

Details

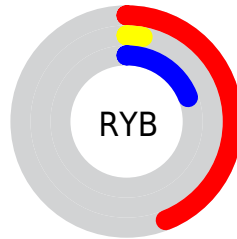
The YIQ color **43.1830, 49.0980, 35.3220** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **75.8170, -49.0980, -35.3220**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.3910, 51.2080, 30.1200**, and **18.0540, 35.4390, 13.0310** is the 20% darker color. If you saturate the color by 10%, you get **38.6180, 52.3070, 37.7390**, and if you desaturate by 10%, it is **50.4380, 43.8260, 31.7460**.

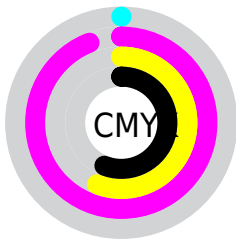
Distribution



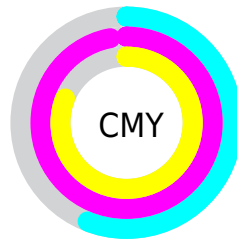
- Red (44%)
- Green (3%)
- Blue (19%)



- Red (44%)
- Yellow (3%)
- Blue (19%)



- Cyan (0%)
- Magenta (94%)
- Yellow (56%)
- Black (56%)



- Cyan (56%)
- Magenta (97%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.1830, 49.0980, 35.3220 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 43.1830, 49.0980, 35.3220 by changing the saturation by 10% instead.

■ 43.1830, 49.0980,
35.3220

■ 43.1830, 49.0980,
35.3220

■ 255.0000, -0.0000,
-0.0000

■ 28.6070, 41.6720,
26.7280

■ 100.3910, 51.2080,
30.1200

■ 18.0540, 35.4390,
13.0310

■ 127.0600, 53.6380,
30.1340

■ 8.4860, 16.3670,
6.2470

■ 154.2560, 56.0220,
30.9820


■ 0.0000, 0.0000,
0.0000


■ 181.5550, 56.6180,
31.1940


■ 201.0690, 40.2510,
24.9470


■ 220.6970, 23.5630,


19.0110


 240.9120, 6.6000,
12.5520


 43.1830, 49.0980,
35.3220


 43.1830, 49.0980,
35.3220


 38.6180, 52.3070,
37.7390

 50.4380, 43.8260,
31.7460

 57.5790, 38.8750,
27.8590

 65.4210, 33.3280,
23.7600

 72.6760, 28.0560,
20.1840

 79.9310, 22.7840,
16.6080

■ 87.0720, 17.8330,
12.7210

■ 94.3270, 12.5610,
9.1450

■ 102.1690, 7.0140,
5.0460

■ 109.4240, 1.7420,
1.4700

Harmonies

Analogous

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



51.2760, 26.9070, 35.5070



43.1830, 49.0980, 35.3220



48.0190, 51.7150, 15.4190

Triad

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



43.1830, 49.0980, 35.3220



45.0430, -2.7000, -28.1720



51.4930, -55.4320, 2.3920

Complementary

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



43.1830, 49.0980, 35.3220



75.8170, -49.0980, -35.3220

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.



51.2190, -49.1490, -6.8530



43.1830, 49.0980, 35.3220



42.9940, -27.3670, -27.1670

Square

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



43.1830, 49.0980, 35.3220



51.4100, 21.5520, -16.1440



47.5710, -38.8770, -16.8050



47.3670, -54.8370, 8.1310

Rectangle

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



43.1830, 49.0980, 35.3220



50.4230, 47.0410, 1.0010



47.5710, -38.8770, -16.8050



51.9830, -54.0560, -0.5200

Sweetspot

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



43.1830, 49.0980, 35.3220



118.7840, 18.7040, 13.4560



37.2090, 2.6510, 45.5870



57.6150, 11.6900, 8.4100



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



43.1830, 49.0980, 35.3220



49.9670, 67.8020, 48.7780



43.6780, 60.1050, 17.5530



52.1360, 2.6130, 2.2050



41.3520, 56.1120, 40.3680



85.1390, 115.4330, 83.1530

Inverse Universe

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



43.1830, 49.0980, 35.3220



49.9670, 67.8020, 48.7780



75.3220, -60.1050, -17.5530



52.1360, 2.6130, 2.2050



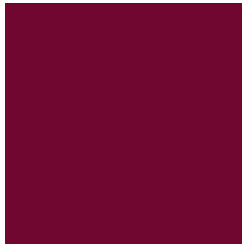
41.3520, 56.1120, 40.3680



85.1390, 115.4330, 83.1530

Previews

White Background



This preview shows how the YIQ color 43.1830, 49.0980, 35.3220 looks on a white background.

Color Contrast Check

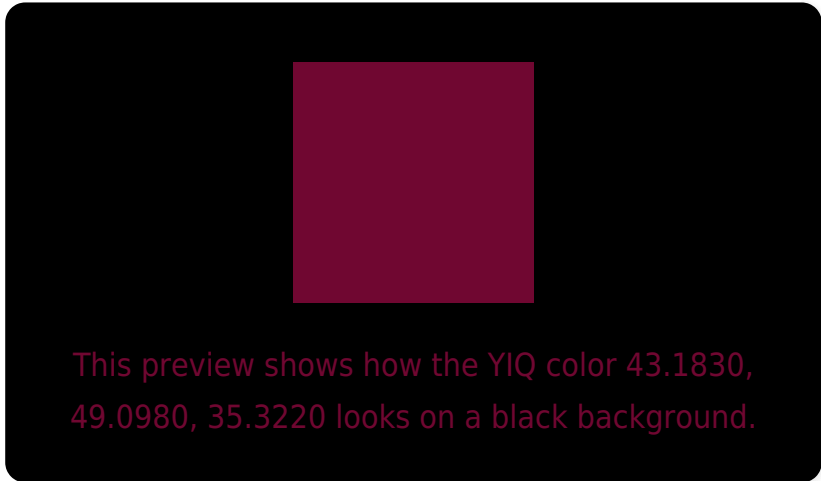
Large Text (above 18pt) WCAG AA ✓ Pass

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

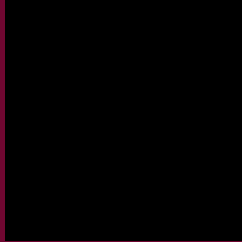
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.1830, 49.0980, 35.3220

Background



This preview shows how black text looks on a background with the YIQ color 43.1830, 49.0980, 35.3220.



This preview shows how white text looks on a background with the YIQ color 43.1830, 49.0980,

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

43.1830, 49.0980, 35.3220

Protanopia

57.9980, -5.6860, 3.9300

Deuteranopia

58.2200, 11.0040, -1.1880



Tritanopia

47.2090, 54.2360, 19.2920

Trichromacy



Original Color

43.1830, 49.0980, 35.3220

Protanomaly

52.7990, 14.3480, 15.3080

Deuteranomaly

52.6660, 24.8480, 12.2400

Tritanomaly

45.5280, 52.0800, 25.3280

Monochromacy



Original Color

43.1830, 49.0980, 35.3220

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

43.0720, 17.8330, 12.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.1830, 49.0980, 35.3220 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(112, 7, 49)` looks like.

```
.text, #text, p{  
    color:rgb(112, 7, 49)  
}
```

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(112, 7, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 7, 49) }
```

Border

The CSS property to change the border of an element to YIQ 43.1830, 49.0980, 35.3220 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(112, 7, 49) }
```


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

```
.border{ border-color:rgb(112, 7, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 7, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 7, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 7, 49);  
box-shadow:4px 4px 4px 4px rgb(112, 7, 49)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.1830, 49.0980, 35.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 7, 49) }
```

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

```
.background{ background-color: rgb(112, 7,  
49) }
```

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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