

Converting Colors

YIQ(50.3180, 44.2840, 34.4600)

Have a look what the booklet for
YIQ(50.3180, 44.2840, 34.4600)
contains.

YIQ(50.3180, 44.2840, 34.4600)	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(50.3180, 44.2840,
34.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	72103C
RGB	114, 16, 60
RGB Percent	45%, 6%, 24%
CMY	0.5527, 0.9374, 0.7646
CMYK	0.00, 0.86, 0.47, 0.55
HSL	333°, 75%, 25%
HSV	333°, 86%, 45%
XYZ	7.9493, 4.2779, 4.6867
YIQ	50.3180, 44.2840, 34.4600

Conversions

Conversions Part 2

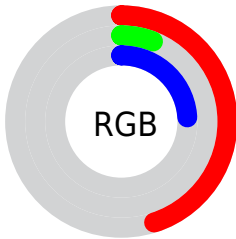
Format	Color
R_{YB}	114, 16, 60
Decimal	7475260
CIE _{Lab}	24.57, 43.79, -0.14
CIE _{LCh}	25, 43.790, 359.811
Yxy	4.2779, 0.4700, 0.2529
Android (android.graphics.Color)	4285665340 (0xFF72103C)
YUV	50.3180, 4.7732, 55.8491
Hunter-Lab	20.6830, 32.4097, 1.0431

Details

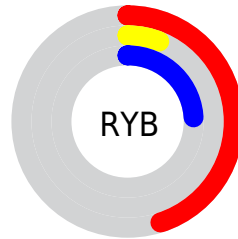
The YIQ color **50.3180, 44.2840, 34.4600** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **79.6820, -44.2840, -34.4600**, and the grayscale version is **50.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **105.2920, 47.1730, 31.6610**, and **20.2910, 30.5780, 18.5300** is the 20% darker color. If you saturate the color by 10%, you get **43.1770, 49.2350, 38.3470**, and if you desaturate by 10%, it is **57.4590, 39.3330, 30.5730**.

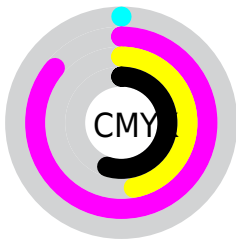
Distribution



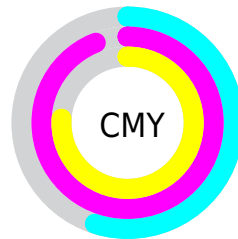
- Red (45%)
- Green (6%)
- Blue (24%)



- Red (45%)
- Yellow (6%)
- Blue (24%)



- Cyan (0%)
- Magenta (86%)
- Yellow (47%)
- Black (55%)



- Cyan (55%)
- Magenta (94%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 50.3180, 44.2840, 34.4600 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 50.3180, 44.2840, 34.4600 by changing the saturation by 10% instead.

■ 50.3180, 44.2840,
34.4600

■ 50.3180, 44.2840,
34.4600

■ 255.0000, -0.0000,
-0.0000

■ 30.3450, 39.6540,
30.2620

■ 105.2920, 47.1730,
31.6610

■ 20.2910, 30.5780,
18.5300

■ 132.0750, 49.2820,
31.9860

■ 10.2800, 19.9430,
7.5190

■ 158.9720, 51.0700,
32.6220

■ 0.0000, 0.0000,
0.0000


■ 185.9720, 51.0700,
32.6220


■ 205.6000, 34.3820,
26.6860


■ 225.2280, 17.6940,


20.7500


 243.8470, 5.2250,
9.9370


 50.3180, 44.2840,
34.4600


 50.3180, 44.2840,
34.4600


 43.1770, 49.2350,
38.3470


 57.4590, 39.3330,
30.5730

 39.9000, 51.5730,
40.0290

 65.3010, 33.7860,
26.4740

 72.4420, 28.8350,
22.5870

 80.1700, 23.6090,
18.1770

 87.3110, 18.6580,
14.2900

■ 94.5660, 13.3860,
10.7140

■ 102.2940, 8.1600,
6.3040

■ 109.4350, 3.2090,
2.4170

■ 117.2770, -2.3380,
-1.6820

Harmonies

Analogous

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



57.6880, 19.7550, 32.9630



50.3180, 44.2840, 34.4600



51.6540, 51.4850, 19.5890

Triad

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



50.3180, 44.2840, 34.4600



50.7020, 5.6900, -26.0380



54.2000, -56.1650, -0.8450

Complementary

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



50.3180, 44.2840, 34.4600



79.6820, -44.2840, -34.4600

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.



52.5240, -48.6900, -9.6660



50.3180, 44.2840, 34.4600



43.5980, -26.3120, -29.7680

Square

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



50.3180, 44.2840, 34.4600



55.2860, 27.8330, -14.3350



48.7620, -38.0970, -19.9290



51.2310, -57.4500, 5.9260

Rectangle

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



50.3180, 44.2840, 34.4600



53.3850, 50.2040, 4.2520



48.7620, -38.0970, -19.9290



54.1030, -54.5140, -3.2340

Sweetspot

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



50.3180, 44.2840, 34.4600



122.7130, 17.4660, 13.8660



43.3180, 0.7260, 41.9260



59.0170, 10.4980, 7.9860



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.



50.3180, 44.2840, 34.4600



51.7760, 67.0220, 51.9020



48.2370, 57.0330, 18.1610



52.1360, 2.6130, 2.2050



42.0360, 54.1860, 42.2340



86.5070, 111.5810, 86.8850

Inverse Universe

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



50.3180, 44.2840, 34.4600



51.7760, 67.0220, 51.9020



81.7630, -57.0330, -18.1610



52.1360, 2.6130, 2.2050



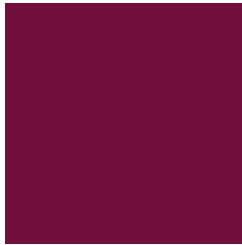
42.0360, 54.1860, 42.2340



86.5070, 111.5810, 86.8850

Previews

White Background



This preview shows how the YIQ color 50.3180, 44.2840, 34.4600 looks on a white background.

Color Contrast Check

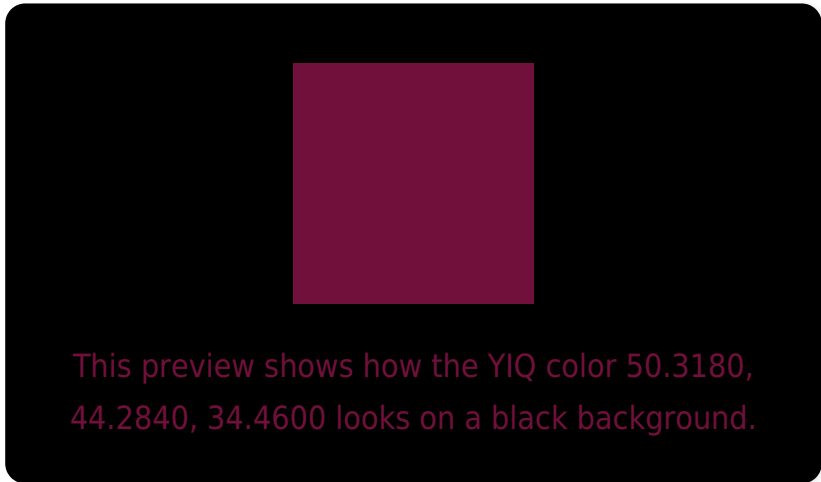
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.3180, 44.2840, 34.4600

Background



This preview shows how black text looks on a background with the YIQ color 50.3180, 44.2840, 34.4600.



This preview shows how white text looks on a background with the YIQ color 50.3180, 44.2840,

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

50.3180, 44.2840, 34.4600

Protanopia

60.6430, -11.8760, 5.9800

Deuteranopia

60.6480, 6.9230, 1.1870



Tritanopia

52.5290, 50.3390, 18.3310

Trichromacy



Original Color

50.3180, 44.2840, 34.4600

Protanomaly

56.8030, 8.5250, 16.2130

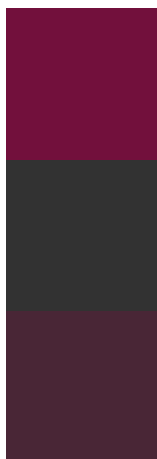
Deuteranomaly

57.1540, 20.5380, 13.2580

Tritanomaly

51.8480, 48.1830, 24.3670

Monochromacy



Original Color

50.3180, 44.2840, 34.4600

Achromatopsia

50.0000, -0.0000, -0.0000

Achromatomaly

50.2890, 15.7240, 12.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 50.3180, 44.2840, 34.4600 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(114, 16, 60)` looks like.

```
.text, #text, p{  
    color:rgb(114, 16, 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(114, 16, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 16, 60) }
```

Border

The CSS property to change the border of an element to YIQ 50.3180, 44.2840, 34.4600 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(114, 16, 60) }
```


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

```
.border{ border-color:rgb(114, 16, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 16, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 16, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 16, 60);  
box-shadow:4px 4px 4px 4px rgb(114, 16,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 50.3180, 44.2840, 34.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 16, 60) }
```

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

```
.background{ background-color: rgb(114, 16,  
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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