

Converting Colors

YIQ(78.8440, 44.8380, 13.3980)

Have a look what the booklet for
YIQ(78.8440, 44.8380, 13.3980)
contains.

YIQ(78.8440, 44.8380, 13.3980)	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(78.8440, 44.8380,
13.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	823A34
RGB	130, 58, 52
RGB Percent	51%, 23%, 20%
CMY	0.4900, 0.7727, 0.7959
CMYK	0.00, 0.55, 0.60, 0.49
HSL	5°, 43%, 36%
HSV	5°, 60%, 51%
XYZ	11.3449, 8.0206, 4.2045
YIQ	78.8440, 44.8380, 13.3980

Conversions

Conversions Part 2

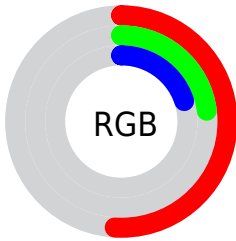
Format	Color
R_{YB}	130, 59, 52
Decimal	8534580
CIE _{Lab}	34.03, 30.55, 18.65
CIE _{LCh}	34, 35.797, 31.401
Yxy	8.0206, 0.4813, 0.3403
Android (android.graphics.Color)	4286724660 (0xFF823A34)
YUV	78.8440, -13.2341, 44.8638
Hunter-Lab	28.3207, 21.9435, 11.0223

Details

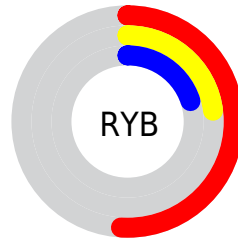
The YIQ color **78.8440, 44.8380, 13.3980** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **103.1560, -44.8380, -13.3980**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **130.0080, 50.2480, 14.4720**, and **28.2180, 40.8490, 14.1050** is the 20% darker color. If you saturate the color by 10%, you get **70.3180, 52.3110, 15.6310**, and if you desaturate by 10%, it is **87.3700, 37.3650, 11.1650**.

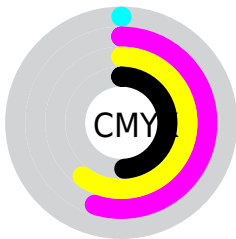
Distribution



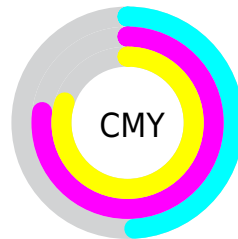
- Red (51%)
- Green (23%)
- Blue (20%)



- Red (51%)
- Yellow (23%)
- Blue (20%)



- Cyan (0%)
- Magenta (55%)
- Yellow (60%)
- Black (49%)



- Cyan (49%)
- Magenta (77%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.8440, 44.8380, 13.3980 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 78.8440, 44.8380, 13.3980 by changing the saturation by 10% instead.

■ 78.8440, 44.8380,
13.3980

■ 78.8440, 44.8380,
13.3980

255.0000, -0.0000,
-0.0000

■ 54.2890, 42.0870,
13.6950

■ 130.0080, 50.2480,
14.4720

■ 28.3320, 40.5280,
14.4160

■ 156.7910, 52.3570,
14.7970

■ 14.9500, 29.8000,
10.6000

■ 184.1610, 54.1910,
14.5990

■ 3.5880, 7.1520,
2.5440

■ 206.0780, 44.0590,
10.9950

■ 0.0000, 0.0000,
0.0000

■ 225.5920, 27.6920,
4.7480

■ 245.9210, 10.4080,

-1.4000

■ 78.8440, 44.8380,
13.3980

■ 78.8440, 44.8380,
13.3980

■ 70.3180, 52.3110,
15.6310

■ 87.3700, 37.3650,
11.1650

■ 61.7920, 59.7840,
17.8640

■ 95.8960, 29.8920,
8.9320

■ 53.2660, 67.2570,
20.0970

■ 104.4220, 22.4190,
6.6990

■ 44.7400, 74.7300,
22.3300

■ 112.9480, 14.9460,
4.4660

■ 121.4740, 7.4730,
2.2330

■ 130.0000, -0.0000,
-0.0000

■ 138.5260, -7.4730,
-2.2330

■ 147.0520,
-14.9460, -4.4660

■ 155.5780,
-22.4190, -6.6990

Harmonies

Analogous

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



79.9870, 37.5460, 24.4100



78.8440, 44.8380, 13.3980



78.3190, 41.4020, -1.4300

Triad

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



78.8440, 44.8380, 13.3980



66.8090, -28.2840, -27.0680



67.6280, -60.2460, 1.5300

Complementary

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



78.8440, 44.8380, 13.3980



103.1560, -44.8380, -13.3980

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.



67.6500, -66.4800, -6.6400



78.8440, 44.8380, 13.3980



64.4120, -51.8510, -23.9710

Square

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



78.8440, 44.8380, 13.3980



73.6960, 5.8270, -23.0130



67.0170, -60.5640, -14.7400



81.4880, -12.3370, 19.8470

Rectangle

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



78.8440, 44.8380, 13.3980



77.3900, 33.4720, -11.9040



67.0170, -60.5640, -14.7400



65.9860, -67.3060, -2.6820

Sweetspot

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



78.8440, 44.8380, 13.3980



148.1440, 17.3300, 5.3140



83.6440, 23.0550, 39.2390



71.9690, 10.4530, 3.2930



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



78.8440, 44.8380, 13.3980



88.4620, 69.6410, 20.9450



101.1500, 34.3880, -6.4760



59.6800, 3.8970, 0.9610



44.1420, 73.5380, 21.9060



0.0000, 0.0000, 0.0000

Inverse Universe

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



103.1560, -44.8380, -13.3980



126.5380, -69.6410, -20.9450



80.8500, -34.3880, 6.4760



61.3200, -3.8970, -0.9610



83.8580, -73.5380, -21.9060



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 78.8440, 44.8380, 13.3980 looks on a white background.

Color Contrast Check

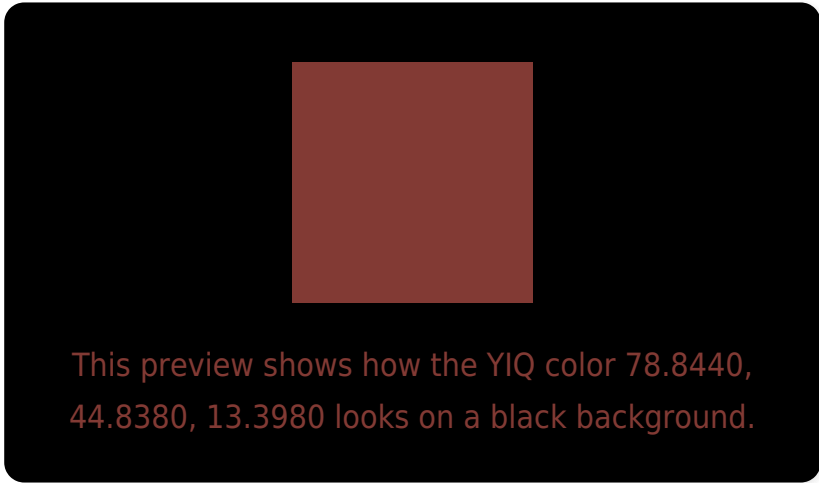
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.8440, 44.8380, 13.3980

Background



This preview shows how black text looks on a background with the YIQ color 78.8440, 44.8380, 13.3980.

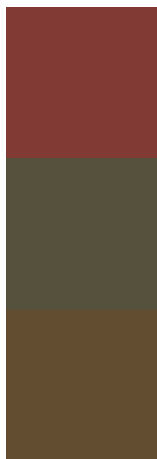


This preview shows how white text looks on a background with the YIQ color 78.8440, 44.8380,

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

78.8440, 44.8380, 13.3980

Protanopia

80.2150, 9.4000, -5.1600

Deuteranopia

80.0870, 21.5040, -4.2560



Tritanopia

79.5820, 42.8200, 16.9320

Trichromacy



Original Color

78.8440, 44.8380, 13.3980

Protanomaly

79.9610, 22.0990, 1.4830

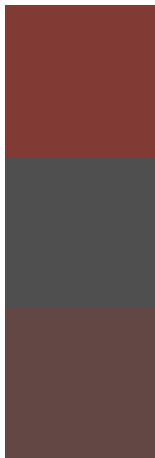
Deuteranomaly

79.6800, 30.2600, 2.2600

Tritanomaly

79.2400, 43.7830, 15.9990

Monochromacy



Original Color

78.8440, 44.8380, 13.3980

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.8450, 16.7340, 5.1020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.8440, 44.8380, 13.3980 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(130, 58, 52)` looks like.

```
.text, #text, p{  
    color:rgb(130, 58, 52)  
}
```

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(130, 58, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 58, 52) }
```

Border

The CSS property to change the border of an element to YIQ 78.8440, 44.8380, 13.3980 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(130, 58, 52) }
```


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

```
.border{ border-color:rgb(130, 58, 52) }
```

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

Here you see how a box with a 4 pixel rgb(130, 58, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 58, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 58, 52);  
box-shadow:4px 4px 4px 4px rgb(130, 58,  
52) }
```

Background

The CSS property to change the background color of an element to YIQ 78.8440, 44.8380, 13.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 58, 52) }
```

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

```
.background{ background-color: rgb(130, 58,  
52) }
```

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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