

Converting Colors

YIQ(79.8550, 46.3050, 14.3450)

Have a look what the booklet for
YIQ(79.8550, 46.3050, 14.3450)
contains.

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Color

**YIQ(79.8550, 46.3050,
14.3450)**

Conversions

Conversions Part 1

Format	Color
Hex	853A35
RGB	133, 58, 53
RGB Percent	52%, 23%, 21%
CMY	0.4783, 0.7727, 0.7920
CMYK	0.00, 0.56, 0.60, 0.48
HSL	4°, 43%, 36%
HSV	4°, 60%, 52%
XYZ	11.8351, 8.2706, 4.3465
YIQ	79.8550, 46.3050, 14.3450

Conversions

Conversions Part 2

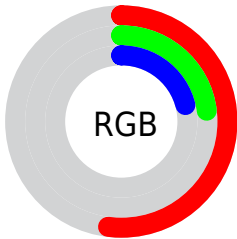
Format	Color
R_{YB}	133, 58, 53
Decimal	8731189
CIE Lab	34.54, 31.83, 18.79
CIE LCh	35, 36.962, 30.546
Yxy	8.2706, 0.4840, 0.3382
Android (android.graphics.Color)	4286921269 (0xFF853A35)
YUV	79.8550, -13.2395, 46.6082
Hunter-Lab	28.7587, 23.1308, 11.1701

Details

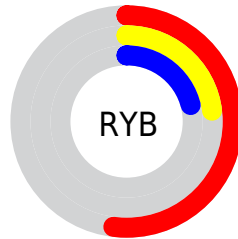
The YIQ color **79.8550, 46.3050, 14.3450** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **106.1450, -46.3050, -14.3450**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **131.6060, 51.4400, 14.8960**, and **28.7560, 42.2700, 15.8860** is the 20% darker color. If you saturate the color by 10%, you get **70.7420, 54.0530, 17.1010**, and if you desaturate by 10%, it is **88.3810, 38.8320, 12.1120**.

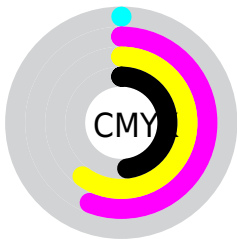
Distribution



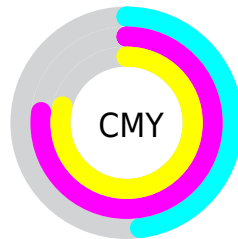
- Red (52%)
- Green (23%)
- Blue (21%)



- Red (52%)
- Yellow (23%)
- Blue (21%)



- Cyan (0%)
- Magenta (56%)
- Yellow (60%)
- Black (48%)



- Cyan (48%)
- Magenta (77%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.8550, 46.3050, 14.3450 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 79.8550, 46.3050, 14.3450 by changing the saturation by 10% instead.

■ 79.8550, 46.3050,
14.3450

■ 79.8550, 46.3050,
14.3450

255.0000, -0.0000,
-0.0000

■ 55.0010, 42.9580,
14.4300

■ 131.6060, 51.4400,
14.8960

■ 28.7560, 42.2700,
15.8860

■ 158.3890, 53.5490,
15.2210

■ 15.8470, 31.5880,
11.2360

■ 185.5850, 55.9330,
16.0690

■ 5.6810, 11.3240,
4.0280

■ 206.7790, 43.4630,
10.7830

■ 0.0000, 0.0000,
0.0000

■ 226.4070, 26.7750,
4.8470

■ 246.0350, 10.0870,

-1.0890

■ 79.8550, 46.3050,
14.3450

■ 79.8550, 46.3050,
14.3450

■ 70.7420, 54.0530,
17.1010

■ 88.3810, 38.8320,
12.1120

■ 62.1020, 61.8470,
19.0230

■ 97.6080, 30.7630,
9.6670

■ 53.5760, 69.3200,
21.2560

■ 106.1340, 23.2900,
7.4340

■ 44.4630, 77.0680,
24.0120

■ 115.2470, 15.5420,
4.6780

■ 123.8870, 7.7480,
2.7560

■ 133.0000, 0.0000,
0.0000

■ 141.5260, -7.4730,
-2.2330

■ 150.6390,
-15.2210, -4.9890

■ 159.2790,
-23.0150, -6.9110

Harmonies

Analogous

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



80.8130, 38.0960, 25.4560



79.8550, 46.3050, 14.3450



79.3900, 42.6400, -1.8400

Triad

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



79.8550, 46.3050, 14.3450



67.2820, -28.2380, -27.9020



65.2680, -68.0400, -0.3920

Complementary

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



79.8550, 46.3050, 14.3450



106.1450, -46.3050, -14.3450

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.



69.0520, -67.6720, -7.0640



79.8550, 46.3050, 14.3450



64.9990, -52.1260, -24.4940

Square

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



79.8550, 46.3050, 14.3450



74.7670, 7.0650, -23.4230



68.3050, -61.4350, -15.4750



82.4170, -13.5750, 20.2570

Rectangle

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



79.8550, 46.3050, 14.3450



78.1730, 35.5810, -11.5790



68.3050, -61.4350, -15.4750



66.9150, -68.5440, -2.2720

Sweetspot

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



79.8550, 46.3050, 14.3450



152.4430, 17.9260, 5.5260



85.5840, 23.2840, 40.5960



74.2680, 11.0490, 3.5050



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



79.8550, 46.3050, 14.3450



90.1850, 71.9790, 22.6270



102.7480, 35.5800, -6.0520



61.7940, 3.5760, 1.2720



43.5660, 75.2800, 23.3760



0.8970, 1.7880, 0.6360

Inverse Universe

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



106.1450, -46.3050, -14.3450



131.8150, -71.9790, -22.6270



83.2520, -35.5800, 6.0520



64.2060, -3.5760, -1.2720



86.4340, -75.2800, -23.3760



1.5160, -1.5130, -0.1130

Previews

White Background



This preview shows how the YIQ color 79.8550, 46.3050, 14.3450 looks on a white background.

Color Contrast Check

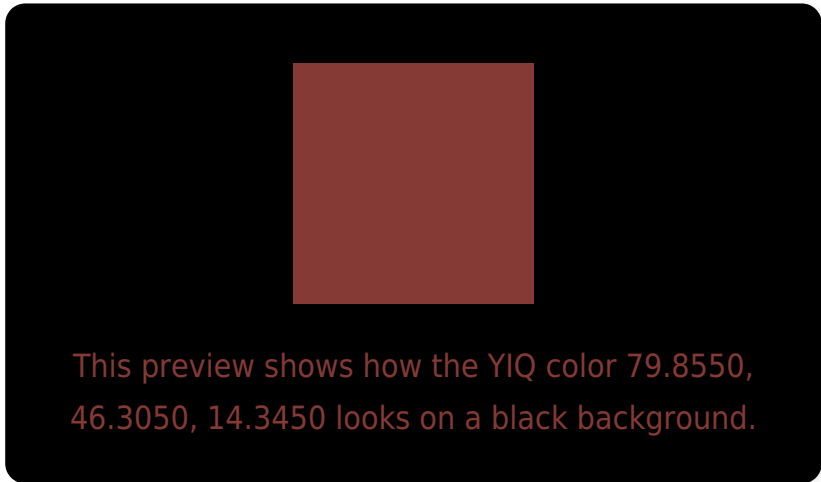
Large Text (above 18pt) WCAG AA ✓ Pass

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

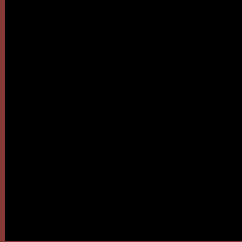
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.8550, 46.3050, 14.3450

Background



This preview shows how black text looks on a background with the YIQ color 79.8550, 46.3050, 14.3450.

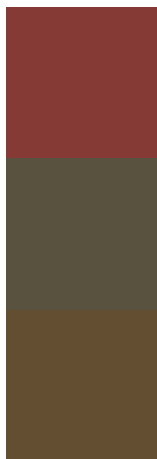


This preview shows how white text looks on a background with the YIQ color 79.8550, 46.3050,

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

79.8550, 46.3050, 14.3450

Protanopia

81.6280, 9.6750, -4.6370

Deuteranopia

80.9730, 21.8250, -4.5670



Tritanopia

80.1800, 44.0120, 17.3560

Trichromacy



Original Color

79.8550, 46.3050, 14.3450

Protanomaly

80.6730, 22.9700, 2.2180

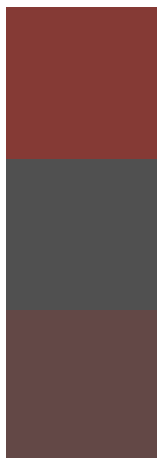
Deuteranomaly

80.5660, 30.5810, 1.9490

Tritanomaly

79.8380, 44.9750, 16.4230

Monochromacy



Original Color

79.8550, 46.3050, 14.3450

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

79.8450, 16.7340, 5.1020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.8550, 46.3050, 14.3450 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(133, 58, 53)` looks like.

```
.text, #text, p{  
    color:rgb(133, 58, 53)  
}
```

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(133, 58, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 58, 53) }
```

Border

The CSS property to change the border of an element to YIQ 79.8550, 46.3050, 14.3450 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(133, 58, 53) }
```


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

```
.border{ border-color:rgb(133, 58, 53) }
```

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

Here you see how a box with a 4 pixel rgb(133, 58, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 58, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 58, 53);  
box-shadow:4px 4px 4px 4px rgb(133, 58,  
53) }
```

Background

The CSS property to change the background color of an element to YIQ 79.8550, 46.3050, 14.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 58, 53) }
```

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

```
.background{ background-color: rgb(133, 58,  
53) }
```

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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