

Converting Colors

YIQ(81.4810, 41.1260, 3.5740)

Have a look what the booklet for
YIQ(81.4810, 41.1260, 3.5740)
contains.

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Color

**YIQ(81.4810, 41.1260,
3.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	7B442A
RGB	123, 68, 42
RGB Percent	48%, 27%, 16%
CMY	0.5175, 0.7334, 0.8351
CMYK	0.00, 0.45, 0.66, 0.52
HSL	19°, 49%, 32%
HSV	19°, 66%, 48%
XYZ	10.6570, 8.5121, 3.2762
YIQ	81.4810, 41.1260, 3.5740

Conversions

Conversions Part 2

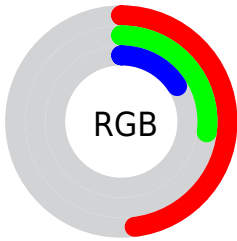
Format	Color
R_{YB}	123, 80, 42
Decimal	8078378
CIE _{Lab}	35.03, 21.16, 25.77
CIE _{LCh}	35, 33.344, 50.616
Yxy	8.5121, 0.4748, 0.3792
Android (android.graphics.Color)	4286268458 (0xFF7B442A)
YUV	81.4810, -19.4641, 36.4122
Hunter-Lab	29.1754, 14.1445, 13.7650

Details

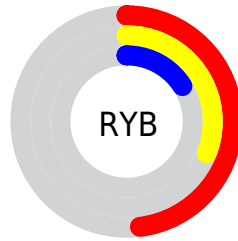
The YIQ color **81.4810, 41.1260, 3.5740** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **83.5190, -41.1260, -3.5740**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **132.2320, 46.2610, 4.1250**, and **34.4310, 35.3950, 2.8110** is the 20% darker color. If you saturate the color by 10%, you get **75.4170, 47.1780, 4.0260**, and if you desaturate by 10%, it is **87.5450, 35.0740, 3.1220**.

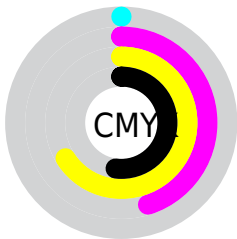
Distribution



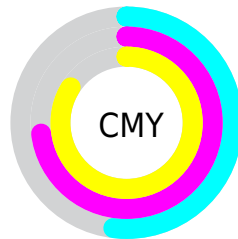
- Red (48%)
- Green (27%)
- Blue (16%)



- Red (48%)
- Yellow (31%)
- Blue (16%)



- Cyan (0%)
- Magenta (45%)
- Yellow (66%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.4810, 41.1260, 3.5740 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 81.4810, 41.1260, 3.5740 by changing the saturation by 10% instead.

81.4810, 41.1260,
3.5740

81.4810, 41.1260,
3.5740

255.0000, -0.0000,
-0.0000

57.5130, 38.1000,
3.3480

132.2320, 46.2610,
4.1250

34.4310, 35.3950,
2.8110

159.0150, 48.3700,
4.4500

13.4550, 26.8200,
9.5400

185.7980, 50.4790,
4.7750

0.0000, 0.0000,
0.0000

210.6940, 44.8400,
2.3440

230.2080, 28.4730,
-3.9030

249.8360, 11.7850,

-9.8390

254.3160, 1.9260,
-1.8660

81.4810, 41.1260,
3.5740

81.4810, 41.1260,
3.5740

75.4170, 47.1780,
4.0260

87.5450, 35.0740,
3.1220

68.6520, 53.8260,
4.6900

94.3100, 28.4260,
2.4580

62.5880, 59.8780,
5.1420

100.3740, 22.3740,
2.0060

59.6700, 62.5830,
5.6790

106.4380, 16.3220,
1.5540

113.2030, 9.6740,
0.8900

■ 119.2670, 3.6220,
0.4380

■ 125.9180, -2.7050,
-0.5370

■ 131.9820, -8.7570,
-0.9890

■ 138.1600,
-15.1300, -1.1300

Harmonies

Analogous

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



82.0980, 41.3070, 16.8190



81.4810, 41.1260, 3.5740



80.3730, 32.1420, -9.8260

Triad

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



81.4810, 41.1260, 3.5740



64.0870, -49.5580, -26.9820



82.3510, -22.3770, 14.5750

Complementary

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



81.4810, 41.1260, 3.5740



83.5190, -41.1260, -3.5740

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.



67.0460, -67.5350, -4.0390



81.4810, 41.1260, 3.5740



67.7520, -58.5000, -19.1080

Square

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



81.4810, 41.1260, 3.5740



73.7140, -11.7790, -23.3230



68.6130, -65.0580, -10.3860



85.1330, 7.8360, 23.1960

Rectangle

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



81.4810, 41.1260, 3.5740



78.6980, 20.6810, -16.8790



68.6130, -65.0580, -10.3860



79.0720, -34.8930, 10.1230

Sweetspot

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



81.4810, 41.1260, 3.5740



144.4380, 16.3220, 1.5540



72.4890, 30.6210, 34.2770



71.5020, 10.2700, 1.1020



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



81.4810, 41.1260, 3.5740



95.4530, 64.6920, 6.0040



104.9610, 30.1260, -17.3460



57.9680, 3.0260, 0.2260



60.8550, 63.5000, 5.5800



122.8950, 127.9170, 11.0610

Inverse Universe

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



83.5190, -41.1260, -3.5740



98.9600, -64.4170, -5.4810



60.0390, -30.1260, 17.3460



58.0320, -3.0260, -0.2260



64.1450, -63.5000, -5.5800



129.6920, -128.1920, -11.5840

Previews

White Background



This preview shows how the YIQ color 81.4810, 41.1260, 3.5740 looks on a white background.

Color Contrast Check

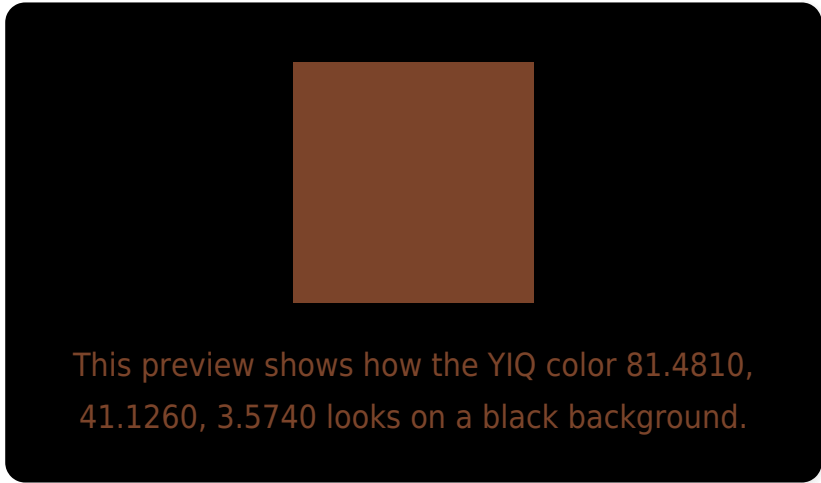
Large Text (above 18pt) WCAG AA ✓ Pass

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

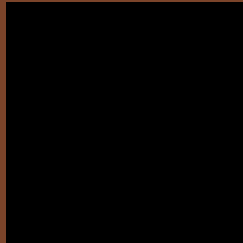
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.4810, 41.1260, 3.5740

Background



This preview shows how black text looks on a background with the YIQ color 81.4810, 41.1260, 3.5740.



This preview shows how white text looks on a background with the YIQ color 81.4810, 41.1260,

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

81.4810, 41.1260, 3.5740

Protanopia

81.2880, 16.3240, -9.5000

Deuteranopia

81.4310, 26.2270, -7.2530



Tritanopia

83.3960, 34.4760, 13.9640

Trichromacy



Original Color

81.4810, 41.1260, 3.5740

Protanomaly

81.7130, 25.4930, -4.9630

Deuteranomaly

81.5890, 31.7740, -3.1540

Tritanomaly

82.5440, 36.8150, 10.1190

Monochromacy



Original Color

81.4810, 41.1260, 3.5740

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

80.9540, 14.8090, 1.4410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.4810, 41.1260, 3.5740 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(123, 68, 42)` looks like.

```
.text, #text, p{  
    color:rgb(123, 68, 42)  
}
```

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(123, 68, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 68, 42) }
```

Border

The CSS property to change the border of an element to YIQ 81.4810, 41.1260, 3.5740 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(123, 68, 42) }
```


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

```
.border{ border-color:rgb(123, 68, 42) }
```

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

Here you see how a box with a 4 pixel rgb(123, 68, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 68, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 68, 42);  
box-shadow:4px 4px 4px 4px rgb(123, 68,  
42) }
```

Background

The CSS property to change the background color of an element to YIQ 81.4810, 41.1260, 3.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 68, 42) }
```

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

```
.background{ background-color: rgb(123, 68,  
42) }
```

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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