

Converting Colors

YIQ(82.8850, 37.5930, 18.0490)

Have a look what the booklet for
YIQ(82.8850, 37.5930, 18.0490)
contains.

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Color

**YIQ(82.8850, 37.5930,
18.0490)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 823D48 |
| RGB | 130, 61, 72 |
| RGB Percent | 51%, 24%, 28% |
| CMY | 0.4900, 0.7609, 0.7175 |
| CMYK | 0.00, 0.53, 0.45, 0.49 |
| HSL | 350°, 36%, 37% |
| HSV | 350°, 53%, 51% |
| XYZ | 12.0507, 8.5520, 7.1526 |
| YIQ | 82.8850, 37.5930, 18.0490 |

Conversions

Conversions Part 2

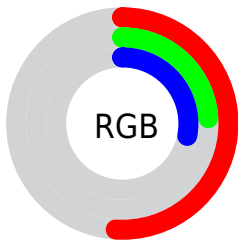
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 130, 61, 72 |
| Decimal | 8535368 |
| CIE _{Lab} | 35.11, 30.90, 7.42 |
| CIE _{LCh} | 35, 31.774, 13.500 |
| Yxy | 8.5520, 0.4342, 0.3081 |
| Android (android.graphics.Color) | 4286725448 (0xFF823D48) |
| YUV | 82.8850, -5.3663, 41.3199 |
| Hunter-Lab | 29.2438, 22.3788, 5.9693 |

Details

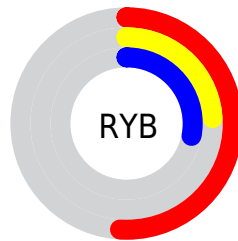
The YIQ color **82.8850, 37.5930, 18.0490** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **108.1150, -37.5930, -18.0490**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **134.4510, 41.8110, 18.6990**, and **33.3730, 33.2830, 19.0670** is the 20% darker color. If you saturate the color by 10%, you get **74.0000, 44.6990, 21.4270**, and if you desaturate by 10%, it is **91.7700, 30.4870, 14.6710**.

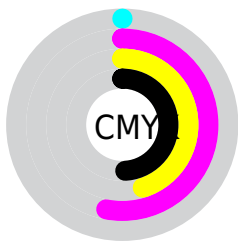
Distribution



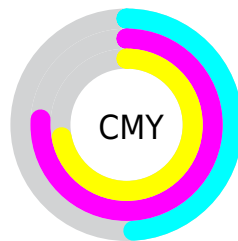
- Red (51%)
- Green (24%)
- Blue (28%)



- Red (51%)
- Yellow (24%)
- Blue (28%)



- Cyan (0%)
- Magenta (53%)
- Yellow (45%)
- Black (49%)



- Cyan (49%)
- Magenta (76%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.8850, 37.5930, 18.0490 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 82.8850, 37.5930, 18.0490 by changing the saturation by 10% instead.

82.8850, 37.5930,
18.0490

82.8850, 37.5930,
18.0490

255.0000, -0.0000,
-0.0000

58.2160, 35.1630,
18.0350

134.4510, 41.8110,
18.6990

33.3730, 33.2830,
19.0670

161.0490, 43.0030,
19.1230

16.0750, 30.9460,
11.8580

188.3590, 45.0660,
20.2820

6.2790, 12.5160,
4.4520

211.1620, 35.2550,
16.3670

0.0000, 0.0000,
0.0000

230.7900, 18.5670,
10.4310

250.8910, 1.9250,

3.6610

■ 82.8850, 37.5930,
18.0490

■ 82.8850, 37.5930,
18.0490

■ 74.0000, 44.6990,
21.4270

■ 91.7700, 30.4870,
14.6710

■ 65.1150, 51.8050,
24.8050

■ 100.6550, 23.3810,
11.2930

■ 56.2300, 58.9110,
28.1830

■ 109.5400, 16.2750,
7.9150

■ 47.3450, 66.0170,
31.5610

■ 118.4250, 9.1690,
4.5370

■ 41.2640, 70.7390,
34.0910

■ 127.3100, 2.0630,
1.1590

■ 136.1950, -5.0430,
-2.2190

■ 144.9660,
-11.8280, -5.9080

■ 153.8510,
-18.9340, -9.2860

■ 162.7360,
-26.0400, -12.6640

Harmonies

Analogous

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



84.6310, 23.9290, 23.3930



82.8850, 37.5930, 18.0490



82.2900, 40.3460, 6.6980

Triad

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



82.8850, 37.5930, 18.0490



75.7750, -4.5810, -21.6130



67.1770, -66.5260, -5.8060

Complementary

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



82.8850, 37.5930, 18.0490



108.1150, -37.5930, -18.0490

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.



68.5160, -63.4070, -12.7750



82.8850, 37.5930, 18.0490



66.1050, -40.8010, -25.9930

Square

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



82.8850, 37.5930, 18.0490



79.1430, 17.9300, -16.5820



66.4810, -56.2990, -20.4510



80.5350, -28.8870, 11.4090

Rectangle

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



82.8850, 37.5930, 18.0490



81.4540, 36.5880, -2.2920



66.4810, -56.2990, -20.4510



67.8950, -65.7920, -8.0960

Sweetspot

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



82.8850, 37.5930, 18.0490



149.6430, 14.4870, 7.2790



86.2080, 12.4190, 33.7550



73.1260, 8.5730, 4.3250



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.



82.8850, 37.5930, 18.0490



94.9310, 58.3150, 27.9710



95.1320, 34.7990, 2.5990



59.2070, 3.8510, 1.7950



40.5520, 69.8680, 33.3560



0.0000, 0.0000, 0.0000

Inverse Universe

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



82.8850, 37.5930, 18.0490



94.9310, 58.3150, 27.9710



95.8680, -34.7990, -2.5990



59.2070, 3.8510, 1.7950



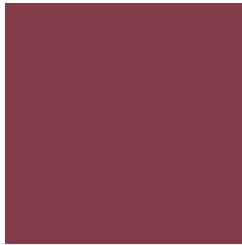
40.5520, 69.8680, 33.3560



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 82.8850, 37.5930, 18.0490 looks on a white background.

Color Contrast Check

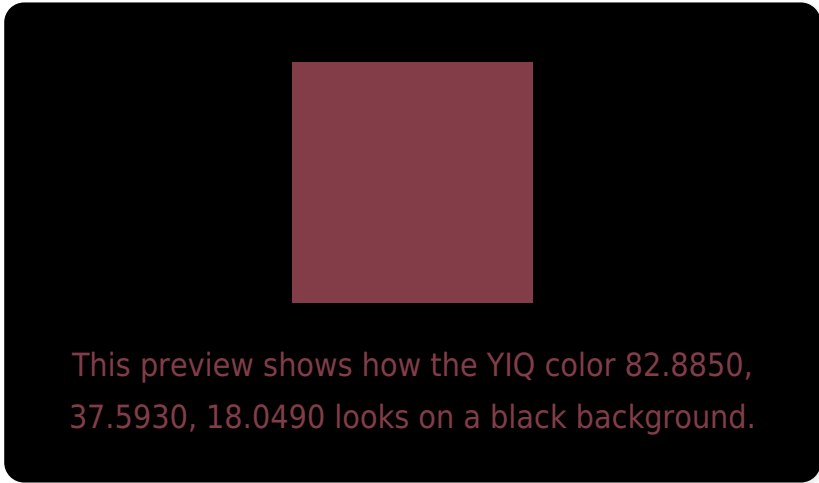
Large Text (above 18pt) WCAG AA ✓ Pass

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

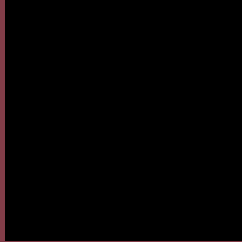
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.8850, 37.5930, 18.0490

Background



This preview shows how black text looks on a background with the YIQ color 82.8850, 37.5930, 18.0490.



This preview shows how white text looks on a background with the YIQ color 82.8850, 37.5930,

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

82.8850, 37.5930, 18.0490

Protanopia

83.7120, 0.8710, 0.7350

Deuteranopia

83.5300, 13.0670, -0.0290



Tritanopia

82.7880, 39.2440, 15.6600

Trichromacy



Original Color

82.8850, 37.5930, 18.0490

Protanomaly

83.3440, 13.8910, 7.0670

Deuteranomaly

83.1230, 21.8230, 6.4870

Tritanomaly

83.0160, 38.6020, 16.2820

Monochromacy



Original Color

82.8850, 37.5930, 18.0490

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.9310, 13.6160, 6.5440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.8850, 37.5930, 18.0490 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, 61, 72)` looks like.

```
.text, #text, p{  
    color:rgb(130, 61, 72)  
}
```

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, 61, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 61, 72) }
```

Border

The CSS property to change the border of an element to YIQ 82.8850, 37.5930, 18.0490 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, 61, 72) }
```


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

```
.border{ border-color:rgb(130, 61, 72) }
```

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

Here you see how a box with a 4 pixel rgb(130, 61, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 61, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 61, 72);  
box-shadow:4px 4px 4px 4px rgb(130, 61,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 82.8850, 37.5930, 18.0490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 61, 72) }
```

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

```
.background{ background-color: rgb(130, 61,  
72) }
```

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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