

Converting Colors

YIQ(37.7270, 33.1870, 42.8430)

Have a look what the booklet for
YIQ(37.7270, 33.1870, 42.8430)
contains.

YIQ(37.7270, 33.1870, 42.8430)	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(37.7270, 33.1870,
42.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	60014A
RGB	96, 1, 74
RGB Percent	38%, 0%, 29%
CMY	0.6233, 0.9962, 0.7097
CMYK	0.00, 0.99, 0.23, 0.62
HSL	314°, 98%, 19%
HSV	314°, 99%, 38%
XYZ	6.0783, 3.0061, 6.7418
YIQ	37.7270, 33.1870, 42.8430

Conversions

Conversions Part 2

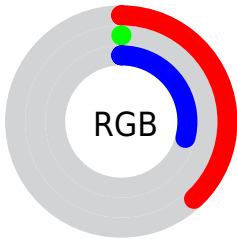
Format	Color
R_{YB}	96, 1, 74
Decimal	6291786
CIE _{Lab}	20.07, 44.48, -16.94
CIE _{LCh}	20, 47.597, 339.156
Yxy	3.0061, 0.3841, 0.1899
Android (android.graphics.Color)	4284481866 (0xFF60014A)
YUV	37.7270, 17.8826, 51.1054
Hunter-Lab	17.3380, 32.2359, -10.9181

Details

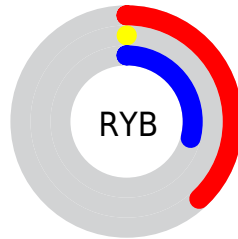
The YIQ color **37.7270, 33.1870, 42.8430** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **59.2730, -33.1870, -42.8430**, and the grayscale version is **38.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **95.2660, 32.8670, 37.6270**, and **17.8860, 18.6570, 19.8170** is the 20% darker color. If you saturate the color by 10%, you get **37.1400, 33.4620, 43.3660**, and if you desaturate by 10%, it is **43.8250, 29.7950, 38.2350**.

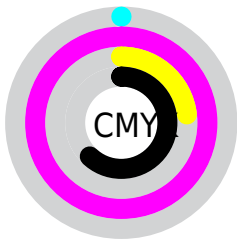
Distribution



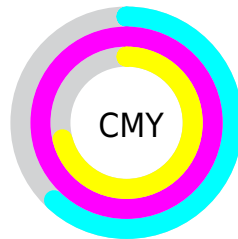
- Red (38%)
- Green (0%)
- Blue (29%)



- Red (38%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (99%)
- Yellow (23%)
- Black (62%)




- Cyan (62%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 37.7270, 33.1870, 42.8430 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 37.7270, 33.1870, 42.8430 by changing the saturation by 10% instead.


 37.7270, 33.1870,
42.8430


 37.7270, 33.1870,
42.8430


253.8260, 0.5500,
1.0460


 26.7440, 25.3490,
30.7010

 95.2660, 32.8670,
37.6270


 17.8860, 18.6570,
19.8170


 121.2770, 34.3340,
38.5740

 1.1960, 2.3840,
0.8480

 148.5760, 34.9300,
38.7860


 0.0000, 0.0000,
0.0000


 175.5870, 36.3970,
39.7330


 201.1950, 31.6290,
38.0370


 220.3670, 16.2250,


30.8570


 236.8030, 8.5250,
16.2130


 37.7270, 33.1870,
42.8430


 37.7270, 33.1870,
42.8430


 37.1400, 33.4620,
43.3660

 43.8250, 29.7950,
38.2350

 49.3360, 26.6780,
34.1500

 55.5480, 22.9650,
29.8530

 61.0590, 19.8480,
25.7680

 67.1570, 16.4560,
21.1600

■ 73.2550, 13.0640,
16.5520

■ 78.8800, 9.6260,
12.7780

■ 84.9780, 6.2340,
8.1700

■ 90.4890, 3.1170,
4.0850

Harmonies

Analogous

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



49.0530, -6.3780, 27.4940



37.7270, 33.1870, 42.8430



36.5530, 50.9320, 35.1240

Triad

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



37.7270, 33.1870, 42.8430



45.1860, 16.3710, -15.8610



46.8820, -46.5820, -3.8140

Complementary

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



37.7270, 33.1870, 42.8430



59.2730, -33.1870, -42.8430

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.



43.1200, -35.9890, -14.0770



37.7270, 33.1870, 42.8430



36.4380, -11.1820, -28.6380

Square

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



37.7270, 33.1870, 42.8430



45.6390, 37.5050, -2.3910



38.3150, -23.8370, -25.0610



47.6290, -52.8190, 4.5970

Rectangle

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



37.7270, 33.1870, 42.8430



33.6210, 56.2520, 26.8120



38.3150, -23.8370, -25.0610



46.3290, -43.6470, -7.4470

Sweetspot

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



37.7270, 33.1870, 42.8430



101.6680, 13.3390, 17.0750



18.1090, -17.9790, 33.9970



49.8150, 8.2510, 10.1630



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



37.7270, 33.1870, 42.8430



48.3190, 43.6840, 56.3560



32.4830, 47.9530, 28.5370



45.5380, 1.4210, 1.7810



43.2920, 39.1460, 50.4900



92.7360, 83.9760, 108.1040

Inverse Universe

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



37.7270, 33.1870, 42.8430



48.3190, 43.6840, 56.3560



64.5170, -47.9530, -28.5370



45.5380, 1.4210, 1.7810



43.2920, 39.1460, 50.4900



92.7360, 83.9760, 108.1040

Previews

White Background



This preview shows how the YIQ color 37.7270, 33.1870, 42.8430 looks on a white background.

Color Contrast Check

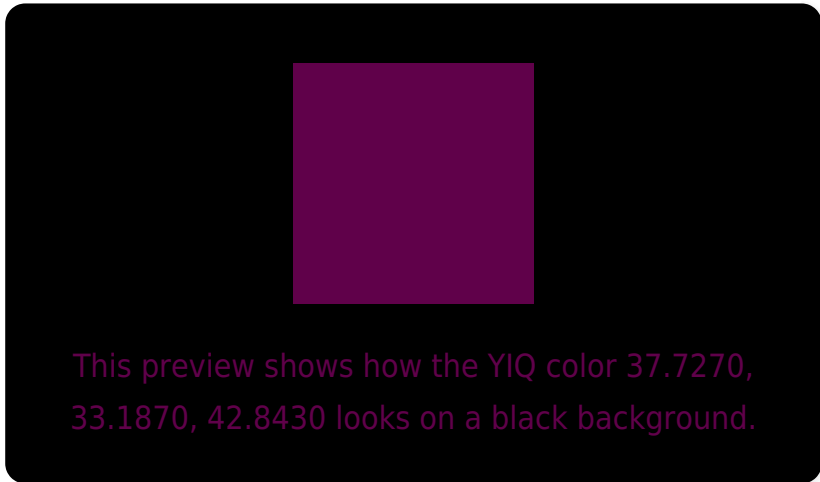
Large Text (above 18pt) WCAG AA ✓ Pass

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

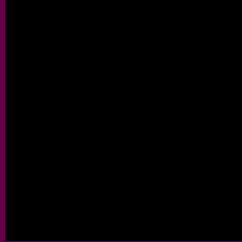
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 37.7270, 33.1870, 42.8430

Background



This preview shows how black text looks on a background with the YIQ color 37.7270, 33.1870, 42.8430.



This preview shows how white text looks on a background with the YIQ color 37.7270, 33.1870,

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

37.7270, 33.1870, 42.8430

Protanopia

46.3920, -38.7900, 9.1620

Deuteranopia

52.1550, -7.5660, 4.9620



Tritanopia

48.3640, 37.5020, 14.1900

Trichromacy



Original Color

37.7270, 33.1870, 42.8430

Protanomaly

43.2430, -13.0250, 21.3030

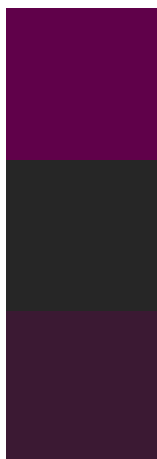
Deuteranomaly

46.9000, 6.8740, 18.6020

Tritanomaly

44.6170, 35.7120, 24.6080

Monochromacy



Original Color

37.7270, 33.1870, 42.8430

Achromatopsia

38.0000, -0.0000, -0.0000

Achromatomaly

38.1300, 11.9180, 15.2940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.7270, 33.1870, 42.8430 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(96, 1, 74)` looks like.

```
.text, #text, p{  
    color:rgb(96, 1, 74)  
}
```

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(96, 1, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 1, 74) }
```

Border

The CSS property to change the border of an element to YIQ 37.7270, 33.1870, 42.8430 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(96, 1, 74) }
```


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

```
.border{ border-color:rgb(96, 1, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 1, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 1, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(96, 1, 74); box-shadow:4px  
4px 4px 4px rgb(96, 1, 74) }
```

Background

The CSS property to change the background color of an element to YIQ 37.7270, 33.1870, 42.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 1, 74) }
```

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

```
.background{ background-color: rgb(96, 1,  
74) }
```

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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