

Converting Colors

YIQ(77.5530, 33.7370, 43.8890)

Have a look what the booklet for
YIQ(77.5530, 33.7370, 43.8890)
contains.

YIQ(77.5530, 33.7370, 43.8890)	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(77.5530, 33.7370,
43.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	892873
RGB	137, 40, 115
RGB Percent	54%, 16%, 45%
CMY	0.4625, 0.8433, 0.5489
CMYK	0.00, 0.71, 0.16, 0.46
HSL	314°, 55%, 35%
HSV	314°, 71%, 54%
XYZ	14.1812, 8.0774, 17.0372
YIQ	77.5530, 33.7370, 43.8890

Conversions

Conversions Part 2

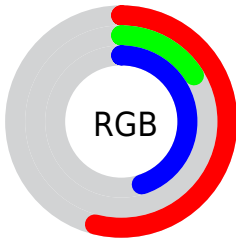
Format	Color
R_{YB}	137, 40, 115
Decimal	8988787
CIE _{Lab}	34.14, 49.06, -21.32
CIE _{LCh}	34, 53.488, 336.512
Yxy	8.0774, 0.3609, 0.2056
Android (android.graphics.Color)	4287178867 (0xFF892873)
YUV	77.5530, 18.4614, 52.1350
Hunter-Lab	28.4208, 39.3298, -15.6474

Details

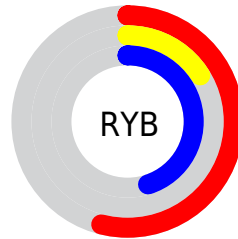
The YIQ color **77.5530, 33.7370, 43.8890** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **99.4470, -33.7370, -43.8890**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **131.9230, 35.5710, 43.6910**, and **32.4550, 27.9610, 38.4330** is the 20% darker color. If you saturate the color by 10%, you get **68.9930, 38.5500, 50.2780**, and if you desaturate by 10%, it is **86.1130, 28.9240, 37.5000**.

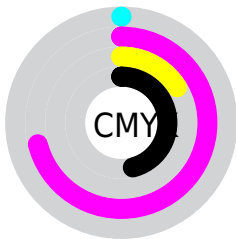
Distribution



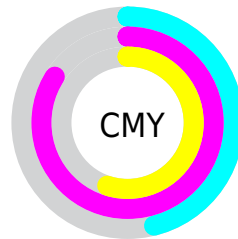
- Red (54%)
- Green (16%)
- Blue (45%)



- Red (54%)
- Yellow (16%)
- Blue (45%)



- Cyan (0%)
- Magenta (71%)
- Yellow (16%)
- Black (46%)



- Cyan (46%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.5530, 33.7370, 43.8890 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 77.5530, 33.7370, 43.8890 by changing the saturation by 10% instead.

77.5530, 33.7370,
43.8890

77.5530, 33.7370,
43.8890

255.0000, -0.0000,
-0.0000

45.4980, 35.5700,
49.2180

131.9230, 35.5710,
43.6910

32.7540, 28.5570,
38.6450

158.9340, 37.0380,
44.6380

22.3580, 20.4440,
25.9800

187.2330, 37.6340,
44.8500

12.4890, 12.2850,
14.1490

207.5840, 23.2840,
40.5960

0.0000, 0.0000,
0.0000

224.4760, 14.3000,
27.1960

241.4990, 6.3250,

12.0290

■ 77.5530, 33.7370,
43.8890

■ 77.5530, 33.7370,
43.8890

■ 68.9930, 38.5500,
50.2780

■ 86.1130, 28.9240,
37.5000

■ 61.0200, 43.0880,
56.1440

■ 94.0860, 24.3860,
31.6340

■ 53.0470, 47.6260,
62.0100

■ 102.6460, 19.5730,
25.2450

■ 111.2060, 14.7600,
18.8560

■ 119.8800, 9.6260,
12.7780

■ 127.8530, 5.0880,
6.9120

■ 136.4130, 0.2750,
0.5230

■ 144.9730, -4.5380,
-5.8660

■ 152.9460, -9.0760,
-11.7320

Harmonies

Analogous

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



81.7630, -11.1930, 32.1590



77.5530, 33.7370, 43.8890



69.6300, 61.2010, 41.7530

Triad

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



77.5530, 33.7370, 43.8890



75.0440, 31.0900, -23.8060



72.3460, -68.6800, -10.8240

Complementary

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



77.5530, 33.7370, 43.8890



99.4470, -33.7370, -43.8890

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.



68.2590, -55.7940, -24.0980



77.5530, 33.7370, 43.8890



66.8610, 0.3280, -39.0000

Square

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



77.5530, 33.7370, 43.8890



75.2310, 56.0290, -7.7070



61.9550, -40.7990, -37.0470



73.3040, -76.8890, 0.2870

Rectangle

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



77.5530, 33.7370, 43.8890



71.7100, 66.2470, 27.3910



61.9550, -40.7990, -37.0470



71.4510, -64.7820, -15.3900

Sweetspot

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



77.5530, 33.7370, 43.8890



155.6680, 13.3390, 17.0750



57.3370, -18.6210, 34.6190



75.5160, 7.6550, 9.9510



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



77.5530, 33.7370, 43.8890



85.7860, 53.0350, 68.6110



72.0810, 49.1450, 28.9610



64.6630, 2.5670, 3.0390



51.3950, 46.5260, 59.9180



1.9510, 1.6960, 2.3040

Inverse Universe

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



77.5530, 33.7370, 43.8890



85.7860, 53.0350, 68.6110



104.9190, -49.1450, -28.9610



64.6630, 2.5670, 3.0390



51.3950, 46.5260, 59.9180



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 77.5530, 33.7370, 43.8890 looks on a white background.

Color Contrast Check

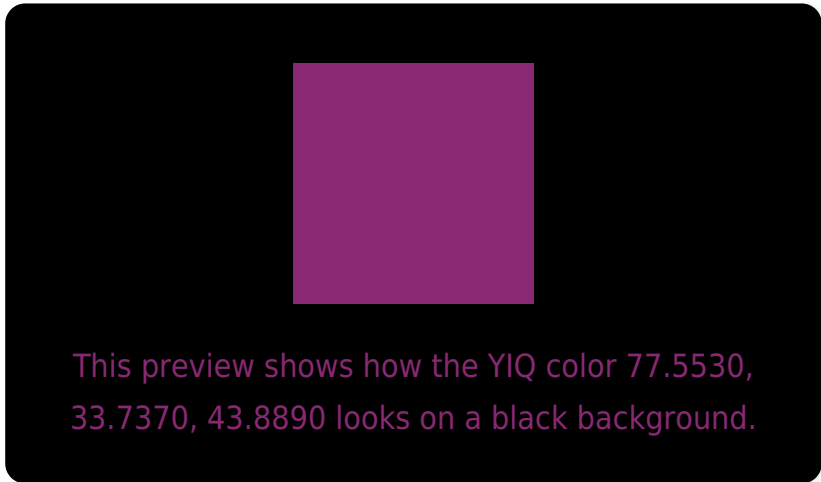
Large Text (above 18pt) WCAG AA ✓ Pass

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

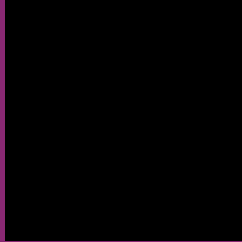
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.5530, 33.7370, 43.8890

Background



This preview shows how black text looks on a background with the YIQ color 77.5530, 33.7370, 43.8890.



This preview shows how white text looks on a background with the YIQ color 77.5530, 33.7370,

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

77.5530, 33.7370, 43.8890

Protanopia

77.5970, -40.6250, 14.8870

Deuteranopia

81.5120, -12.8850, 7.7470



Tritanopia

79.7670, 43.7370, 16.8330

Trichromacy



Original Color

77.5530, 33.7370, 43.8890

Protanomaly

77.5790, -13.8510, 25.2610

Deuteranomaly

79.8120, 4.3060, 21.0900

Tritanomaly

79.1230, 40.1590, 26.6150

Monochromacy



Original Color

77.5530, 33.7370, 43.8890

Achromatopsia

78.0000, -0.0000, -0.0000

Achromatomaly

77.5430, 12.1930, 15.8170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.5530, 33.7370, 43.8890 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(137, 40, 115)` looks like.

```
.text, #text, p{  
    color:rgb(137, 40, 115)  
}
```

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(137, 40, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 40, 115) }
```

Border

The CSS property to change the border of an element to YIQ 77.5530, 33.7370, 43.8890 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(137, 40, 115) }
```


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

```
.border{ border-color:rgb(137, 40, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 40, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 40, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 40, 115);  
box-shadow:4px 4px 4px 4px rgb(137, 40,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 77.5530, 33.7370, 43.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 40, 115) }
```

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

```
.background{ background-color: rgb(137, 40,  
115) }
```

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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