

Converting Colors

YIQ(74.5080, 37.6370, 28.2690)

Have a look what the booklet for
YIQ(74.5080, 37.6370, 28.2690)
contains.

YIQ(74.5080, 37.6370, 28.2690)	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(74.5080, 37.6370,
28.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	802E51
RGB	128, 46, 81
RGB Percent	50%, 18%, 32%
CMY	0.4978, 0.8197, 0.6822
CMYK	0.00, 0.64, 0.37, 0.50
HSL	334°, 47%, 34%
HSV	334°, 64%, 50%
XYZ	11.3724, 7.1393, 8.5693
YIQ	74.5080, 37.6370, 28.2690

Conversions

Conversions Part 2

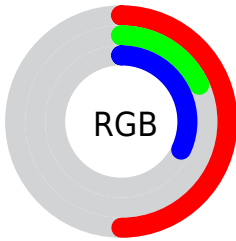
Format	Color
R_{YB}	128, 46, 81
Decimal	8400465
CIE _{Lab}	32.12, 38.96, -2.74
CIE _{LCh}	32, 39.055, 355.977
Yxy	7.1393, 0.4199, 0.2636
Android (android.graphics.Color)	4286590545 (0xFF802E51)
YUV	74.5080, 3.2006, 46.9125
Hunter-Lab	26.7195, 29.2144, -0.3115

Details

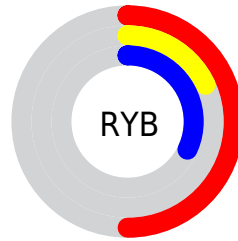
The YIQ color **74.5080, 37.6370, 28.2690** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **99.4920, -37.6370, -28.2690**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **126.7750, 41.2590, 28.7070**, and **26.6430, 32.8230, 27.4070** is the 20% darker color. If you saturate the color by 10%, you get **66.0790, 43.4590, 32.8910**, and if you desaturate by 10%, it is **82.9370, 31.8150, 23.6470**.

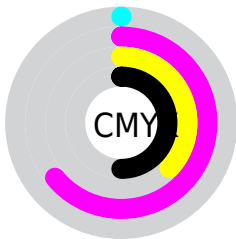
Distribution



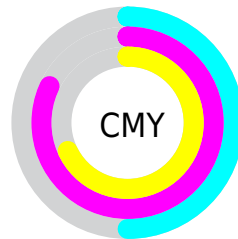
- Red (50%)
- Green (18%)
- Blue (32%)



- Red (50%)
- Yellow (18%)
- Blue (32%)



- Cyan (0%)
- Magenta (64%)
- Yellow (37%)
- Black (50%)





- Cyan (50%)
- Magenta (82%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.5080, 37.6370, 28.2690 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 74.5080, 37.6370, 28.2690 by changing the saturation by 10% instead.


 74.5080, 37.6370,
28.2690


 74.5080, 37.6370,
28.2690


255.0000, -0.0000,
-0.0000


 47.9640, 36.3530,
29.5130


 126.7750, 41.2590,
28.7070


 26.6430, 32.8230,
27.4070

 153.3730, 42.4510,
29.1310


 16.9590, 25.5810,
15.4770

 180.6830, 44.5140,
30.2900

 3.8870, 7.7480,
2.7560

 204.1980, 35.5740,
27.1100

 0.0000, 0.0000,
0.0000

 223.8260, 18.8860,
21.1740

 242.0860, 6.0500,

11.5060

■ 74.5080, 37.6370,
28.2690

■ 74.5080, 37.6370,
28.2690

■ 66.0790, 43.4590,
32.8910

■ 82.9370, 31.8150,
23.6470

■ 57.5360, 49.6020,
37.2020

■ 91.4800, 25.6720,
19.3360

■ 49.6940, 55.1490,
41.3010

■ 99.3220, 20.1250,
15.2370

■ 44.5420, 58.6330,
44.2410

■ 107.7510, 14.3030,
10.6150

■ 116.2940, 8.1600,
6.3040

■ 124.7230, 2.3380,
1.6820

■ 133.1520, -3.4840,
-2.9400

■ 141.1080, -9.3520,
-6.7280

■ 149.5370,
-15.1740, -11.3500

Harmonies

Analogous

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



77.4160, 14.5290, 28.5530



74.5080, 37.6370, 28.2690



73.4470, 47.6340, 17.7940

Triad

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



74.5080, 37.6370, 28.2690



69.0510, 12.0170, -25.0630



65.4330, -64.3710, -6.3150

Complementary

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



74.5080, 37.6370, 28.2690



99.4920, -37.6370, -28.2690

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.



64.4580, -57.4920, -15.3480



74.5080, 37.6370, 28.2690



61.4950, -24.5240, -29.1320

Square

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



74.5080, 37.6370, 28.2690



71.8260, 34.9400, -16.4840



60.8100, -47.2200, -25.3000



62.5780, -65.9770, 0.7670

Rectangle

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



74.5080, 37.6370, 28.2690



73.2970, 47.6360, 6.7400



60.8100, -47.2200, -25.3000



65.2220, -62.3990, -9.0150

Sweetspot

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



74.5080, 37.6370, 28.2690



145.1640, 14.5780, 11.1380



69.1020, 1.0940, 35.2540



71.5930, 8.7560, 6.5160



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.



74.5080, 37.6370, 28.2690



82.5420, 58.6330, 44.2410



73.4530, 47.4970, 14.7690



59.4350, 3.2090, 2.4170



44.4280, 58.9540, 43.9300



0.0000, 0.0000, 0.0000

Inverse Universe

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



74.5080, 37.6370, 28.2690



82.5420, 58.6330, 44.2410



100.5470, -47.4970, -14.7690



59.4350, 3.2090, 2.4170



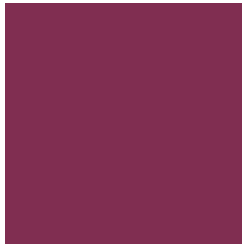
44.4280, 58.9540, 43.9300



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 74.5080, 37.6370, 28.2690 looks on a white background.

Color Contrast Check

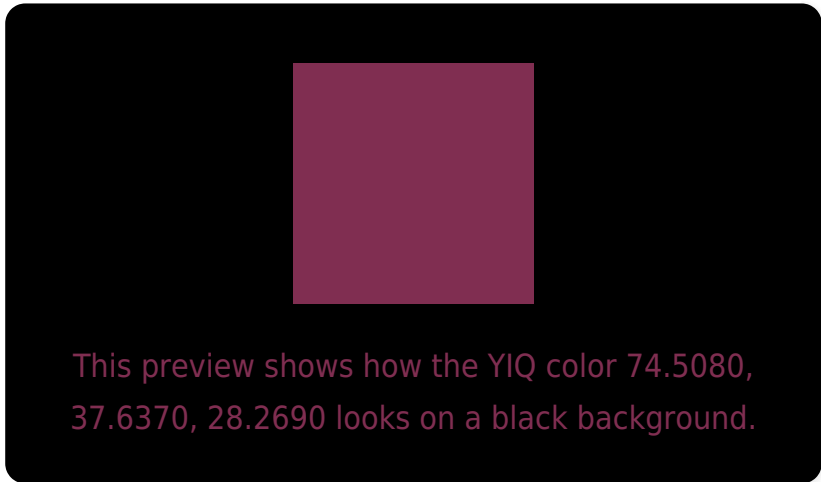
Large Text (above 18pt) WCAG AA ✓ Pass

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

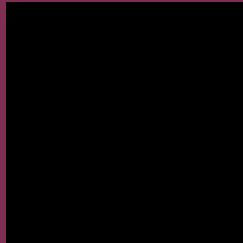
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.5080, 37.6370, 28.2690

Background



This preview shows how black text looks on a background with the YIQ color 74.5080, 37.6370, 28.2690.



This preview shows how white text looks on a background with the YIQ color 74.5080, 37.6370,

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

74.5080, 37.6370, 28.2690

Protanopia

76.9420, -11.2800, 6.1920

Deuteranopia

77.3320, 4.9970, 3.0530



Tritanopia

74.4680, 43.1410, 16.6210

Trichromacy



Original Color

74.5080, 37.6370, 28.2690

Protanomaly

75.9660, 6.5080, 14.2200

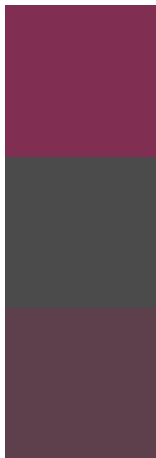
Deuteranomaly

76.3600, 16.9620, 11.9860

Tritanomaly

74.6190, 41.3980, 20.6780

Monochromacy



Original Color

74.5080, 37.6370, 28.2690

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.4520, 13.7070, 10.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.5080, 37.6370, 28.2690 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(128, 46, 81)` looks like.

```
.text, #text, p{  
    color:rgb(128, 46, 81)  
}
```

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(128, 46, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 46, 81) }
```

Border

The CSS property to change the border of an element to YIQ 74.5080, 37.6370, 28.2690 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(128, 46, 81) }
```


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

```
.border{ border-color:rgb(128, 46, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 46, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 46, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 46, 81);  
box-shadow:4px 4px 4px 4px rgb(128, 46,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 74.5080, 37.6370, 28.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 46, 81) }
```

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

```
.background{ background-color: rgb(128, 46,  
81) }
```

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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