

Converting Colors

YIQ(71.6960, 60.8350, 37.3710)

Have a look what the booklet for
YIQ(71.6960, 60.8350, 37.3710)
contains.

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Color

**YIQ(71.6960, 60.8350,
37.3710)**

Conversions

Conversions Part 1

Format	Color
Hex	991F44
RGB	153, 31, 68
RGB Percent	60%, 12%, 27%
CMY	0.3997, 0.8786, 0.7331
CMYK	0.00, 0.80, 0.56, 0.40
HSL	342°, 66%, 36%
HSV	342°, 80%, 60%
XYZ	14.6857, 8.1754, 6.2815
YIQ	71.6960, 60.8350, 37.3710

Conversions

Conversions Part 2

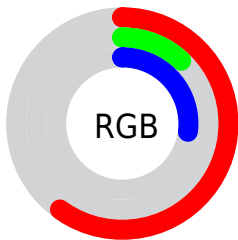
Format	Color
R_{YB}	153, 31, 68
Decimal	10035012
CIE Lab	34.35, 51.29, 9.52
CIE LCh	34, 52.170, 10.518
Yxy	8.1754, 0.5039, 0.2805
Android (android.graphics.Color)	4288225092 (0xFF991F44)
YUV	71.6960, -1.8221, 71.3036
Hunter-Lab	28.5927, 41.6433, 6.9894

Details

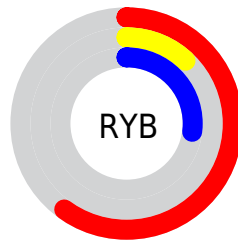
The YIQ color **71.6960, 60.8350, 37.3710** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **112.3040, -60.8350, -37.3710**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **128.2680, 64.9160, 34.9960**, and **31.6680, 48.8700, 28.4380** is the 20% darker color. If you saturate the color by 10%, you get **61.6370, 68.4910, 41.7950**, and if you desaturate by 10%, it is **81.7550, 53.1790, 32.9470**.

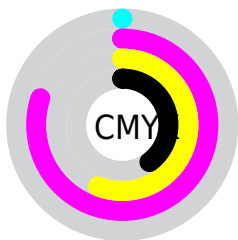
Distribution



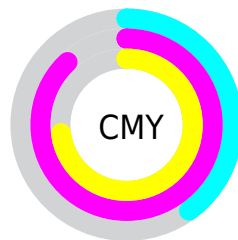
- Red (60%)
- Green (12%)
- Blue (27%)



- Red (60%)
- Yellow (12%)
- Blue (27%)



- Cyan (0%)
- Magenta (80%)
- Yellow (56%)
- Black (40%)



- Cyan (40%)
- Magenta (88%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.6960, 60.8350, 37.3710 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 71.6960, 60.8350, 37.3710 by changing the saturation by 10% instead.

71.6960, 60.8350,
37.3710

71.6960, 60.8350,
37.3710

255.0000, -0.0000,
-0.0000

42.3200, 59.1380,
40.5940

128.2680, 64.9160,
34.9960

31.6680, 48.8700,
28.4380

156.2360, 67.9420,
35.2220

20.7450, 40.8030,
14.9390

179.3380, 58.7270,
31.5190

12.0740, 23.5190,
8.7910

198.2650, 42.6350,
25.7950

0.0000, 0.0000,
0.0000

218.4800, 25.6720,
19.3360

238.6950, 8.7090,

12.8770

■ 71.6960, 60.8350,
37.3710

■ 71.6960, 60.8350,
37.3710

■ 61.6370, 68.4910,
41.7950

■ 81.7550, 53.1790,
32.9470

■ 51.1050, 76.1010,
47.0530

■ 92.2870, 45.5690,
27.6890

■ 102.3460, 37.9130,
23.2650

■ 112.4050, 30.2570,
18.8410

■ 122.3500, 22.9220,
14.1060

■ 132.9960, 14.9910,
9.1590

■ 143.0550, 7.3350,
4.7350

■ 153.0000, 0.0000,
-0.0000

■ 163.6460, -7.9310,
-4.9470

Harmonies

Analogous

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



77.7660, 37.4510, 42.6590



71.6960, 60.8350, 37.3710



74.4240, 63.6360, 14.1320

Triad

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



71.6960, 60.8350, 37.3710



65.9960, -4.4860, -39.8620



72.7170, -76.6140, 0.8100

Complementary

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



71.6960, 60.8350, 37.3710



112.3040, -60.8350, -37.3710

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.



72.8020, -69.9640, -9.5800



71.6960, 60.8350, 37.3710



62.7530, -43.0460, -34.8700

Square

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



71.6960, 60.8350, 37.3710



74.7230, 27.5600, -25.9120



68.9430, -57.7200, -22.2320



66.1290, -74.5980, 8.3300

Rectangle

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



71.6960, 60.8350, 37.3710



75.2640, 60.4300, -4.8660



68.9430, -57.7200, -22.2320



73.2070, -75.2380, -2.1020

Sweetspot

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



71.6960, 60.8350, 37.3710



167.0620, 23.7930, 14.8410



69.7250, 10.3060, 55.5380



80.2840, 14.1200, 8.4240



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



71.6960, 60.8350, 37.3710



71.7210, 95.2180, 58.5300



80.3920, 66.6620, 14.3580



71.6200, 4.1260, 2.3180



46.7620, 69.6370, 43.0530



4.3430, 6.4640, 4.0000

Inverse Universe

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



71.6960, 60.8350, 37.3710



71.7210, 95.2180, 58.5300



103.6080, -66.6620, -14.3580



71.6200, 4.1260, 2.3180



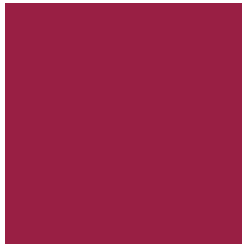
46.7620, 69.6370, 43.0530



4.3430, 6.4640, 4.0000

Previews

White Background



This preview shows how the YIQ color 71.6960, 60.8350, 37.3710 looks on a white background.

Color Contrast Check

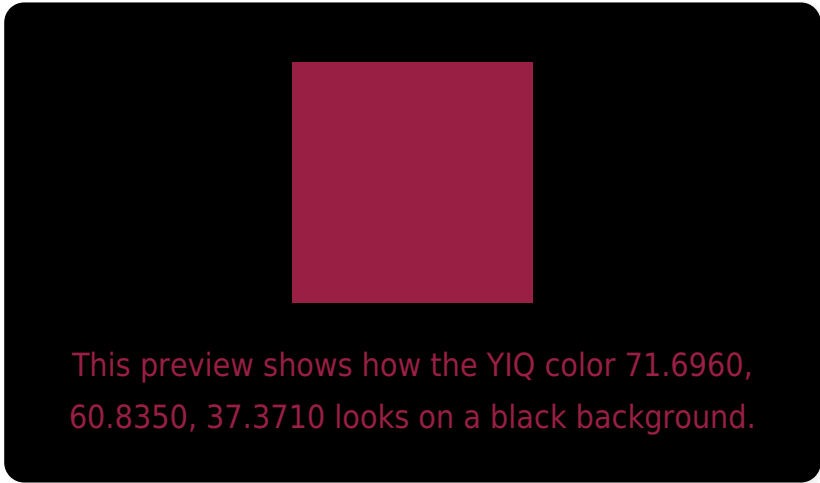
Large Text (above 18pt) WCAG AA ✓ Pass

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

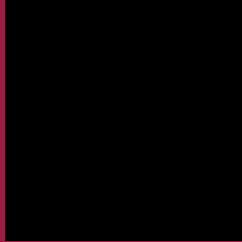
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.6960, 60.8350, 37.3710

Background



This preview shows how black text looks on a background with the YIQ color 71.6960, 60.8350, 37.3710.



This preview shows how white text looks on a background with the YIQ color 71.6960, 60.8350,

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

71.6960, 60.8350, 37.3710

Protanopia

82.6560, -4.7230, 2.9970

Deuteranopia

82.4440, 16.1850, -1.4710



Tritanopia

72.3140, 67.3020, 24.7900

Trichromacy



Original Color

71.6960, 60.8350, 37.3710

Protanomaly

78.5500, 19.4830, 15.8590

Deuteranomaly

78.6730, 32.1380, 12.2820

Tritanomaly

71.6930, 64.9170, 29.4690

Monochromacy



Original Color

71.6960, 60.8350, 37.3710

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.7520, 21.7300, 13.6820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.6960, 60.8350, 37.3710 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(153, 31, 68)` looks like.

```
.text, #text, p{  
    color:rgb(153, 31, 68)  
}
```

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(153, 31, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 31, 68) }
```

Border

The CSS property to change the border of an element to YIQ 71.6960, 60.8350, 37.3710 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(153, 31, 68) }
```


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

```
.border{ border-color:rgb(153, 31, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 31, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 31, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 31, 68);  
box-shadow:4px 4px 4px 4px rgb(153, 31,  
68) }
```

Background

The CSS property to change the background color of an element to YIQ 71.6960, 60.8350, 37.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 31, 68) }
```

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

```
.background{ background-color: rgb(153, 31,  
68) }
```

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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