

Converting Colors

YIQ(73.3790, 68.6770, 27.4050)

Have a look what the booklet for
YIQ(73.3790, 68.6770, 27.4050)
contains.

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Color

**YIQ(73.3790, 68.6770,
27.4050)**

Conversions

Conversions Part 1

Format	Color
Hex	9C252C
RGB	156, 37, 44
RGB Percent	61%, 15%, 17%
CMY	0.3879, 0.8551, 0.8272
CMYK	0.00, 0.76, 0.72, 0.39
HSL	356°, 62%, 38%
HSV	356°, 76%, 61%
XYZ	14.8404, 8.5776, 3.2631
YIQ	73.3790, 68.6770, 27.4050

Conversions

Conversions Part 2

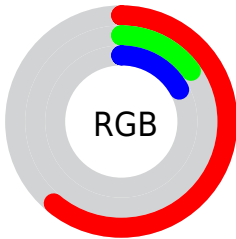
Format	Color
RYB	156, 37, 44
Decimal	10233132
CIELab	35.16, 48.73, 26.08
CIELCh	35, 55.271, 28.155
Yxy	8.5776, 0.5562, 0.3215
Android (android.graphics.Color)	4288423212 (0xFF9C252C)
YUV	73.3790, -14.4838, 72.4586
Hunter-Lab	29.2876, 39.1951, 13.8955

Details

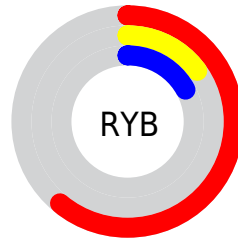
The YIQ color **73.3790, 68.6770, 27.4050** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **119.6210, -68.6770, -27.4050**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **128.8480, 74.5460, 25.6660**, and **29.3020, 58.4080, 20.7760** is the 20% darker color. If you saturate the color by 10%, you get **62.2770, 77.8920, 31.1080**, and if you desaturate by 10%, it is **84.4810, 59.4620, 23.7020**.

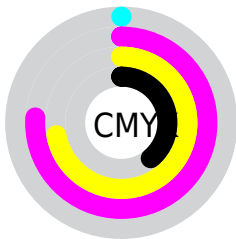
Distribution



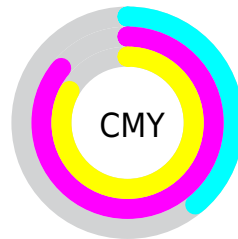
- Red (61%)
- Green (15%)
- Blue (17%)



- Red (61%)
- Yellow (15%)
- Blue (17%)



- Cyan (0%)
- Magenta (76%)
- Yellow (72%)
- Black (39%)



- Cyan (39%)
- Magenta (86%)
- Yellow (83%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.3790, 68.6770, 27.4050 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 73.3790, 68.6770, 27.4050 by changing the saturation by 10% instead.

■ 73.3790, 68.6770,
27.4050

■ 73.3790, 68.6770,
27.4050

255.0000, -0.0000,
-0.0000

■ 40.2960, 67.7130,
33.8650

■ 129.1470, 75.1420,
25.8780

■ 29.3020, 58.4080,
20.7760

■ 156.7020, 77.8930,
25.5810

■ 20.6310, 41.1240,
14.6280

■ 177.9070, 66.8900,
21.2420

■ 12.3730, 24.1150,
9.0030

■ 197.3070, 50.8440,
14.6840

■ 0.0000, 0.0000,
0.0000

■ 216.8210, 34.4770,
8.4370

■ 237.0360, 17.5140,

1.9780

254.4300, 1.6050,
-1.5550

■ 73.3790, 68.6770,
27.4050

■ 73.3790, 68.6770,
27.4050

■ 62.2770, 77.8920,
31.1080

■ 84.4810, 59.4620,
23.7020

■ 51.8760, 86.5110,
34.5990

■ 94.8820, 50.8430,
20.2110

■ 47.6700, 90.0870,
35.8710

■ 105.9840, 41.6280,
16.5080

■ 116.4990, 32.6880,
13.3280

■ 127.4870, 23.7940,
9.3140

■ 138.5890, 14.5790,
5.6110

■ 149.1040, 5.6390,
2.4310

■ 160.0920, -3.2550,
-1.5830

■ 170.6070,
-12.1950, -4.7630

Harmonies

Analogous

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



72.1230, 58.4950, 46.7430



73.3790, 68.6770, 27.4050



76.4710, 64.2810, -3.0710

Triad

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



73.3790, 68.6770, 27.4050



61.7610, -37.4970, -41.8250



71.8510, -79.6870, 6.9450

Complementary

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



73.3790, 68.6770, 27.4050



119.6210, -68.6770, -27.4050

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.



75.5380, -77.6680, -2.1160



73.3790, 68.6770, 27.4050



68.2930, -53.1340, -28.2540

Square

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



73.3790, 68.6770, 27.4050



71.9440, 10.4600, -35.3960



73.8960, -67.5330, -15.0930



81.8470, -29.1650, 27.4670

Rectangle

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



73.3790, 68.6770, 27.4050



77.8230, 48.1900, -14.3220



73.8960, -67.5330, -15.0930



73.9710, -80.1450, 4.2310

Sweetspot

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



73.3790, 68.6770, 27.4050



171.3950, 27.0490, 10.8970



83.7550, 27.9570, 60.5410



81.8990, 16.6420, 6.7700



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



73.3790, 68.6770, 27.4050



73.5800, 108.1960, 43.5880



103.1050, 56.6240, -1.9680



73.5060, 4.4470, 2.0070



43.7830, 82.3390, 33.1150



4.5990, 8.6190, 3.4910

Inverse Universe

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



73.3790, 68.6770, 27.4050



73.5800, 108.1960, 43.5880



89.8950, -56.6240, 1.9680



73.5060, 4.4470, 2.0070



43.7830, 82.3390, 33.1150



4.5990, 8.6190, 3.4910

Previews

White Background



This preview shows how the YIQ color 73.3790, 68.6770, 27.4050 looks on a white background.

Color Contrast Check

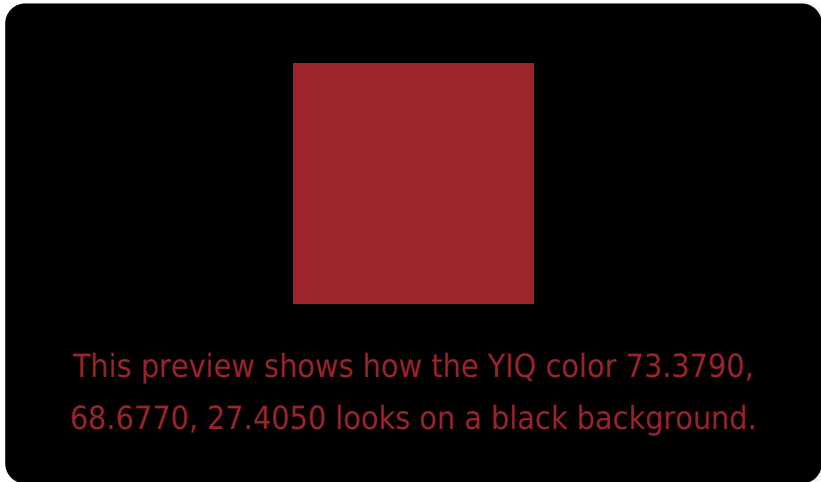
Large Text (above 18pt) WCAG AA ✓ Pass

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

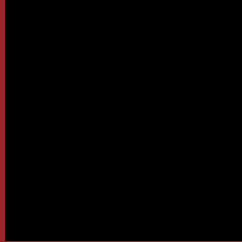
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.3790, 68.6770, 27.4050

Background



This preview shows how black text looks on a background with the YIQ color 73.3790, 68.6770, 27.4050.

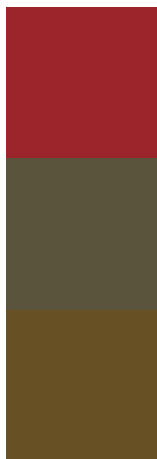


This preview shows how white text looks on a background with the YIQ color 73.3790, 68.6770,

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

73.3790, 68.6770, 27.4050

Protanopia

83.0580, 11.2800, -6.1920

Deuteranopia

82.2740, 28.1070, -8.2850



Tritanopia

73.3960, 70.0070, 25.3270

Trichromacy



Original Color

73.3790, 68.6770, 27.4050

Protanomaly

79.5710, 32.1850, 5.9210

Deuteranomaly

78.9050, 42.8680, 5.0440

Tritanomaly

73.6240, 69.3650, 25.9490

Monochromacy



Original Color

73.3790, 68.6770, 27.4050

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.0850, 24.9860, 9.7380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.3790, 68.6770, 27.4050 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(156, 37, 44)` looks like.

```
.text, #text, p{  
    color:rgb(156, 37, 44)  
}
```

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(156, 37, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 37, 44) }
```

Border

The CSS property to change the border of an element to YIQ 73.3790, 68.6770, 27.4050 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(156, 37, 44) }
```


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

```
.border{ border-color:rgb(156, 37, 44) }
```

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

Here you see how a box with a 4 pixel rgb(156, 37, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 37, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 37, 44);  
box-shadow:4px 4px 4px 4px rgb(156, 37,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 73.3790, 68.6770, 27.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 37, 44) }
```

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

```
.background{ background-color: rgb(156, 37,  
44) }
```

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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