

Converting Colors

YIQ(70.3770, 62.9910, 31.3350)

Have a look what the booklet for
YIQ(70.3770, 62.9910, 31.3350)
contains.

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Color

**YIQ(70.3770, 62.9910,
31.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	962136
RGB	150, 33, 54
RGB Percent	59%, 13%, 21%
CMY	0.4115, 0.8707, 0.7880
CMYK	0.00, 0.78, 0.64, 0.41
HSL	349°, 64%, 36%
HSV	349°, 78%, 59%
XYZ	13.8011, 7.8430, 4.2838
YIQ	70.3770, 62.9910, 31.3350

Conversions

Conversions Part 2

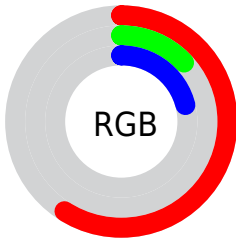
Format	Color
RYB	150, 33, 54
Decimal	9838902
CIELab	33.65, 48.78, 17.59
CIELCh	34, 51.851, 19.827
Yxy	7.8430, 0.5323, 0.3025
Android (android.graphics.Color)	4288028982 (0xFF962136)
YUV	70.3770, -8.0739, 69.8294
Hunter-Lab	28.0053, 38.9561, 10.5345

Details

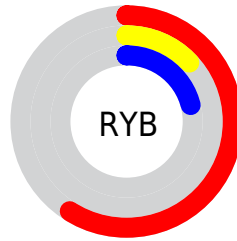
The YIQ color **70.3770, 62.9910, 31.3350** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **112.6230, -62.9910, -31.3350**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.4330, 68.5850, 29.0730**, and **28.7620, 51.3010, 22.9250** is the 20% darker color. If you saturate the color by 10%, you get **60.2040, 70.9680, 35.4480**, and if you desaturate by 10%, it is **80.5500, 55.0140, 27.2220**.

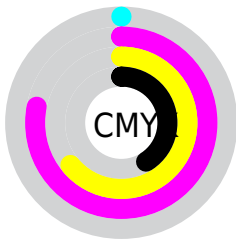
Distribution



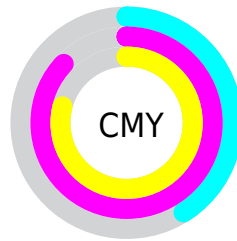
- Red (59%)
- Green (13%)
- Blue (21%)



- Red (59%)
- Yellow (13%)
- Blue (21%)



- Cyan (0%)
- Magenta (78%)
- Yellow (64%)
- Black (41%)





- Cyan (41%)
- Magenta (87%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 70.3770, 62.9910, 31.3350 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 70.3770, 62.9910, 31.3350 by changing the saturation by 10% instead.


 70.3770, 62.9910,
31.3350


 70.3770, 62.9910,
31.3350

255.0000, -0.0000,
-0.0000


 39.9410, 61.5230,
35.9150


 126.5470, 68.2640,
29.3840


 28.7620, 51.3010,
22.9250

 153.5150, 71.2900,
29.6100


 19.5490, 38.4190,
14.0910

 177.4000, 64.1840,
26.2320

 10.5790, 20.5390,
7.7310

 196.3270, 48.0920,
20.5080

 0.0000, 0.0000,
0.0000

 216.4280, 31.4500,
13.7380

 236.1700, 14.4410,

■ 70.3770, 62.9910,
31.3350

■ 70.3770, 62.9910,
31.3350

■ 60.2040, 70.9680,
35.4480

■ 80.5500, 55.0140,
27.2220

■ 49.9170, 79.2660,
39.2500

■ 90.8370, 46.7160,
23.4200

■ 47.9280, 80.7330,
40.1970

■ 101.0100, 38.7390,
19.3070

■ 111.1830, 30.7620,
15.1940

■ 121.4700, 22.4640,
11.3920

■ 131.6430, 14.4870,
7.2790

■ 141.8160, 6.5100,
3.1660

■ 151.9890, -1.4670,
-0.9470

■ 162.2760, -9.7650,
-4.7490

Harmonies

Analogous

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



72.6700, 46.5290, 43.3370



70.3770, 62.9910, 31.3350



73.3710, 61.9870, 5.4670

Triad

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



70.3770, 62.9910, 31.3350



57.3550, -30.4820, -42.3060



70.0100, -75.8810, 4.0470

Complementary

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



70.3770, 62.9910, 31.3350



112.6230, -62.9910, -31.3350

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.



71.9530, -71.7070, -5.5230



70.3770, 62.9910, 31.3350



63.5340, -46.6230, -30.6150

Square

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



70.3770, 62.9910, 31.3350



71.1240, 18.9410, -29.4030



69.0230, -60.7010, -17.7650



73.2960, -46.9070, 18.6050

Rectangle

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



70.3770, 62.9910, 31.3350



74.9100, 52.4990, -9.8130



69.0230, -60.7010, -17.7650



71.3150, -75.4220, 1.2340

Sweetspot

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



70.3770, 62.9910, 31.3350



165.3670, 24.2520, 12.0280



75.0420, 19.6590, 56.7390



80.6430, 14.4870, 7.2790



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.



70.3770, 62.9910, 31.3350



70.7780, 99.0710, 49.2710



89.7020, 59.5570, 5.4530



69.2070, 3.8510, 1.7950



44.1120, 74.2230, 37.0310



3.2180, 5.3180, 2.7420

Inverse Universe

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



70.3770, 62.9910, 31.3350



70.7780, 99.0710, 49.2710



93.2980, -59.5570, -5.4530



69.2070, 3.8510, 1.7950



44.1120, 74.2230, 37.0310



3.2180, 5.3180, 2.7420

Previews

White Background



This preview shows how the YIQ color 70.3770, 62.9910, 31.3350 looks on a white background.

Color Contrast Check

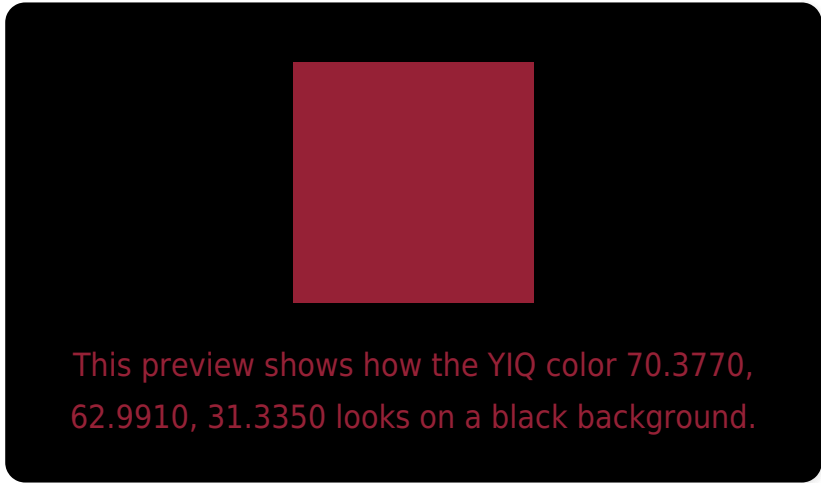
Large Text (above 18pt) WCAG AA ✓ Pass

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

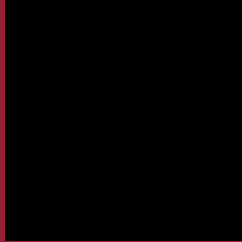
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 70.3770, 62.9910, 31.3350

Background



This preview shows how black text looks on a background with the YIQ color 70.3770, 62.9910, 31.3350.



This preview shows how white text looks on a background with the YIQ color 70.3770, 62.9910,

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

70.3770, 62.9910, 31.3350

Protanopia

80.5120, 4.3100, -1.0180

Deuteranopia

79.9730, 21.8250, -4.5670



Tritanopia

69.9010, 67.0270, 24.2670

Trichromacy



Original Color

70.3770, 62.9910, 31.3350

Protanomaly

76.9110, 25.5360, 10.7840

Deuteranomaly

76.4900, 36.9070, 8.4510

Tritanomaly

69.9980, 65.3760, 26.6560

Monochromacy



Original Color

70.3770, 62.9910, 31.3350

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.3560, 22.7850, 11.0810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.3770, 62.9910, 31.3350 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(150, 33, 54)` looks like.

```
.text, #text, p{  
    color:rgb(150, 33, 54)  
}
```

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(150, 33, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 33, 54) }
```

Border

The CSS property to change the border of an element to YIQ 70.3770, 62.9910, 31.3350 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(150, 33, 54) }
```


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

```
.border{ border-color:rgb(150, 33, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 33, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 33, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 33, 54);  
box-shadow:4px 4px 4px 4px rgb(150, 33,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 70.3770, 62.9910, 31.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 33, 54) }
```

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

```
.background{ background-color: rgb(150, 33,  
54) }
```

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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