

Converting Colors

YIQ(63.9530, 70.4170, 39.9290)

Have a look what the booklet for
YIQ(63.9530, 70.4170, 39.9290)
contains.

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Color

**YIQ(63.9530, 70.4170,
39.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	9C1336
RGB	156, 19, 54
RGB Percent	61%, 7%, 21%
CMY	0.3879, 0.9257, 0.7880
CMYK	0.00, 0.88, 0.65, 0.39
HSL	345°, 78%, 34%
HSV	345°, 88%, 61%
XYZ	14.6267, 7.8075, 4.2340
YIQ	63.9530, 70.4170, 39.9290

Conversions

Conversions Part 2

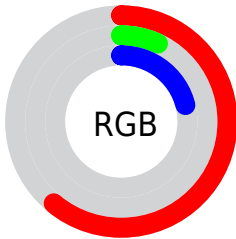
Format	Color
RYB	156, 19, 54
Decimal	10228534
CIELab	33.58, 54.24, 17.72
CIElCh	34, 57.062, 18.094
Yxy	7.8075, 0.5485, 0.2928
Android (android.graphics.Color)	4288418614 (0xFF9C1336)
YUV	63.9530, -4.9068, 80.7252
Hunter-Lab	27.9419, 44.5408, 10.5751

Details

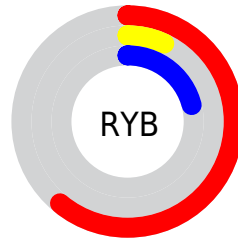
The YIQ color **63.9530, 70.4170, 39.9290** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **111.0470, -70.4170, -39.9290**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.1180, 74.0860, 34.0060**, and **30.2570, 54.2810, 23.9850** is the 20% darker color. If you saturate the color by 10%, you get **53.1930, 78.6690, 44.5650**, and if you desaturate by 10%, it is **74.7130, 62.1650, 35.2930**.

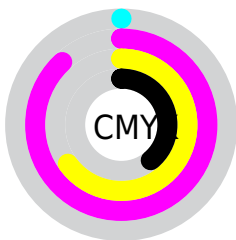
Distribution



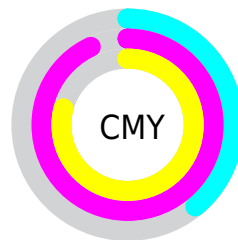
- Red (61%)
- Green (7%)
- Blue (21%)



- Red (61%)
- Yellow (7%)
- Blue (21%)



- Cyan (0%)
- Magenta (88%)
- Yellow (65%)
- Black (39%)





- Cyan (39%)
- Magenta (93%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 63.9530, 70.4170, 39.9290 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 63.9530, 70.4170, 39.9290 by changing the saturation by 10% instead.


 63.9530, 70.4170,
39.9290


 63.9530, 70.4170,
39.9290


255.0000, -0.0000,
-0.0000


 41.4360, 64.5030,
36.9750


 124.1180, 74.0860,
34.0060


 30.2570, 54.2810,
23.9850

 152.0860, 77.1120,
34.2320


 20.7450, 40.8030,
14.9390

 173.8780, 65.8340,
29.3700

 12.0740, 23.5190,
8.7910

 193.3920, 49.4670,
23.1230

 0.0000, 0.0000,
0.0000

 212.9060, 33.1000,
16.8760

 233.1210, 16.1370,

10.4170

252.6520, 1.1000,
2.0920

63.9530, 70.4170,
39.9290

63.9530, 70.4170,
39.9290

53.1930, 78.6690,
44.5650

74.7130, 62.1650,
35.2930

51.2040, 80.1360,
45.5120

84.7720, 54.5090,
30.8690

95.5320, 46.2570,
26.2330

105.7050, 38.2800,
22.1200

116.3510, 30.3490,
17.1730

■ 127.1110, 22.0970,
12.5370

■ 137.1700, 14.4410,
8.1130

■ 147.9300, 6.1890,
3.4770

■ 158.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



68.1640, 51.2500, 51.3940



63.9530, 70.4170, 39.9290



71.2470, 68.2680, 7.2760

Triad

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



63.9530, 70.4170, 39.9290



55.1610, -27.1800, -47.0840



71.9820, -78.6780, 5.1780

Complementary

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



63.9530, 70.4170, 39.9290



111.0470, -70.4170, -39.9290

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.



73.5830, -73.5410, -5.3250



63.9530, 70.4170, 39.9290



63.6650, -45.6140, -32.3820

Square

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



63.9530, 70.4170, 39.9290



71.4230, 19.5370, -29.1910



69.6100, -60.9760, -18.2880



63.2480, -73.3150, 12.6130

Rectangle

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



63.9530, 70.4170, 39.9290



74.3450, 55.7080, -7.3960



69.6100, -60.9760, -18.2880



73.1730, -77.8980, 2.0540

Sweetspot

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



63.9530, 70.4170, 39.9290



168.4430, 27.0940, 15.5900



64.8170, 16.2190, 64.0190



80.4800, 16.5040, 9.2720



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.



63.9530, 70.4170, 39.9290



66.9240, 104.8920, 59.4200



78.7470, 72.8520, 12.3080



73.6200, 4.1260, 2.3180



46.9750, 73.3510, 41.8230



4.9410, 7.6560, 4.4240

Inverse Universe

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



63.9530, 70.4170, 39.9290



66.9240, 104.8920, 59.4200



96.2530, -72.8520, -12.3080



73.6200, 4.1260, 2.3180



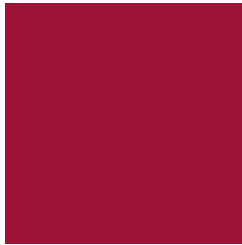
46.9750, 73.3510, 41.8230



4.9410, 7.6560, 4.4240

Previews

White Background



This preview shows how the YIQ color 63.9530, 70.4170, 39.9290 looks on a white background.

Color Contrast Check

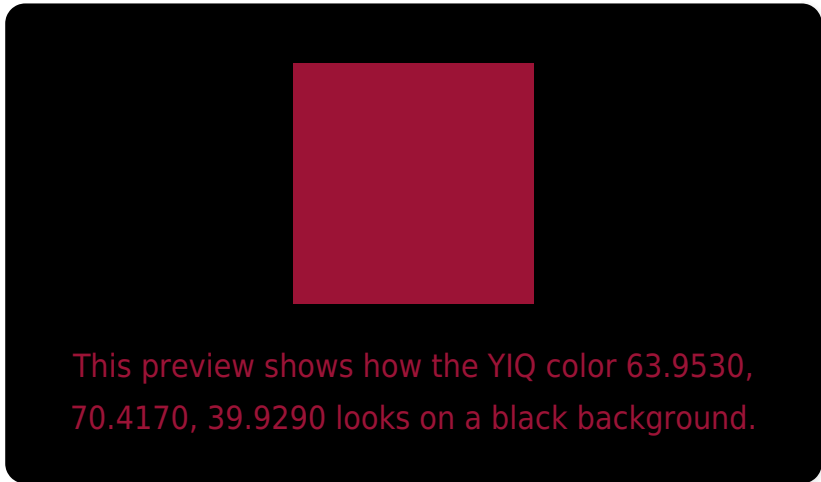
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.9530, 70.4170, 39.9290

Background



This preview shows how black text looks on a background with the YIQ color 63.9530, 70.4170, 39.9290.



This preview shows how white text looks on a background with the YIQ color 63.9530, 70.4170,

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

63.9530, 70.4170, 39.9290

Protanopia

81.2560, 2.1550, -0.5090

Deuteranopia

79.8590, 22.1460, -4.8780



Tritanopia

65.1580, 76.6090, 26.8250

Trichromacy



Original Color

63.9530, 70.4170, 39.9290

Protanomaly

74.8020, 27.4610, 14.4450

Deuteranomaly

74.1530, 39.4740, 11.4900

Tritanomaly

64.5370, 74.2240, 31.5040

Monochromacy



Original Color

63.9530, 70.4170, 39.9290

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

64.0190, 25.3520, 14.1200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.9530, 70.4170, 39.9290 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, 19, 54)` looks like.

```
.text, #text, p{  
    color:rgb(156, 19, 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(156, 19, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 19, 54) }
```

Border

The CSS property to change the border of an element to YIQ 63.9530, 70.4170, 39.9290 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, 19, 54) }
```


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

```
.border{ border-color:rgb(156, 19, 54) }
```

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

Here you see how a box with a 4 pixel rgb(156, 19, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 19, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 19, 54);  
box-shadow:4px 4px 4px 4px rgb(156, 19,  
54) }
```

Background

The CSS property to change the background color of an element to YIQ 63.9530, 70.4170, 39.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 19, 54) }
```

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

```
.background{ background-color: rgb(156, 19,  
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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