

Converting Colors

YIQ(70.5350, 51.3430, 44.1990)

Have a look what the booklet for
YIQ(70.5350, 51.3430, 44.1990)
contains.

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Color

**YIQ(70.5350, 51.3430,
44.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	931C59
RGB	147, 28, 89
RGB Percent	58%, 11%, 35%
CMY	0.4232, 0.8904, 0.6508
CMYK	0.00, 0.81, 0.39, 0.42
HSL	329°, 68%, 34%
HSV	329°, 81%, 58%
XYZ	14.2662, 7.7607, 10.2060
YIQ	70.5350, 51.3430, 44.1990

Conversions

Conversions Part 2

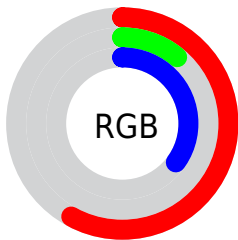
Format	Color
R_{YB}	147, 28, 89
Decimal	9641049
CIE _{Lab}	33.48, 52.45, -5.54
CIE _{LCh}	33, 52.740, 353.969
Yxy	7.7607, 0.4426, 0.2408
Android (android.graphics.Color)	4287831129 (0xFF931C59)
YUV	70.5350, 9.1032, 67.0598
Hunter-Lab	27.8580, 42.6591, -2.2208

Details

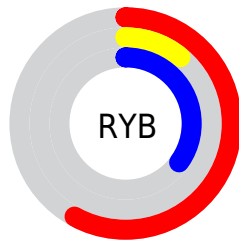
The YIQ color **70.5350, 51.3430, 44.1990** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **104.4650, -51.3430, -44.1990**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.6230, 53.9110, 41.7110**, and **32.2250, 40.1120, 32.9760** is the 20% darker color. If you saturate the color by 10%, you get **60.9320, 57.7150, 49.8670**, and if you desaturate by 10%, it is **80.1380, 44.9710, 38.5310**.

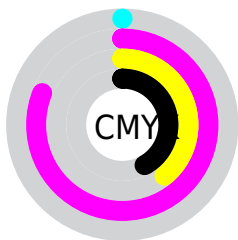
Distribution



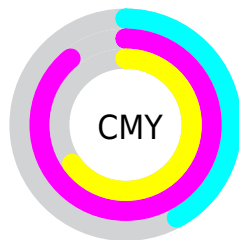
- Red (58%)
- Green (11%)
- Blue (35%)



- Red (58%)
- Yellow (11%)
- Blue (35%)



- Cyan (0%)
- Magenta (81%)
- Yellow (39%)
- Black (42%)



- Cyan (42%)
- Magenta (89%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 70.5350, 51.3430, 44.1990 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 70.5350, 51.3430, 44.1990 by changing the saturation by 10% instead.

70.5350, 51.3430,
44.1990

70.5350, 51.3430,
44.1990

255.0000, -0.0000,
-0.0000

43.1050, 49.7380,
45.7540

127.6230, 53.9110,
41.7110

32.2250, 40.1120,
32.9760

155.4060, 56.0200,
42.0360

22.0570, 31.3570,
20.9330

180.9000, 51.5730,
40.0290

11.4760, 22.3270,
8.3670

199.9410, 35.1600,
34.6160

0.0000, 0.0000,
0.0000

220.2700, 17.8760,
28.4680

237.9770, 7.9750,

15.1670

■ 70.5350, 51.3430,
44.1990

■ 70.5350, 51.3430,
44.1990

■ 60.9320, 57.7150,
49.8670

■ 80.1380, 44.9710,
38.5310

■ 52.5030, 63.5370,
54.4890

■ 89.1540, 38.8740,
33.3860

■ 98.8710, 32.1810,
28.0290

■ 108.4740, 25.8090,
22.3610

■ 118.0770, 19.4370,
16.6930

■ 127.0930, 13.3400,
11.5480

■ 136.6960, 6.9680,
5.8800

■ 146.2990, 0.5960,
0.2120

■ 155.4290, -5.8220,
-4.6220

Harmonies

Analogous

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



79.3490, 16.6360, 39.9320



70.5350, 51.3430, 44.1990



69.6930, 64.9170, 29.4690

Triad

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



70.5350, 51.3430, 44.1990



69.6180, 14.4940, -31.4100



71.8220, -72.7160, -3.7560

Complementary

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



70.5350, 51.3430, 44.1990



104.4650, -51.3430, -44.1990

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.



69.7070, -62.6270, -15.8990



70.5350, 51.3430, 44.1990



57.3270, -33.2790, -41.1750

Square

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



70.5350, 51.3430, 44.1990



74.2350, 41.0380, -16.8660



64.2180, -48.5490, -28.7490



69.6510, -76.2480, 5.1920

Rectangle

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



70.5350, 51.3430, 44.1990



72.4300, 63.4990, 11.1070



64.2180, -48.5490, -28.7490



71.8560, -70.0560, -7.9120

Sweetspot

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



70.5350, 51.3430, 44.1990



161.4900, 19.7120, 17.2160



58.9080, -3.6310, 49.3050



78.9680, 12.1940, 10.2900



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



70.5350, 51.3430, 44.1990



72.1450, 79.7650, 68.7650



63.8090, 70.2820, 25.8500



69.4350, 3.2090, 2.4170



49.3560, 59.4570, 51.3370



3.5600, 4.3550, 3.6750

Inverse Universe

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



70.5350, 51.3430, 44.1990



72.1450, 79.7650, 68.7650



111.1910, -70.2820, -25.8500



69.4350, 3.2090, 2.4170



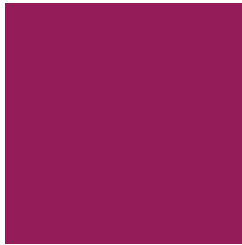
49.3560, 59.4570, 51.3370



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 70.5350, 51.3430, 44.1990 looks on a white background.

Color Contrast Check

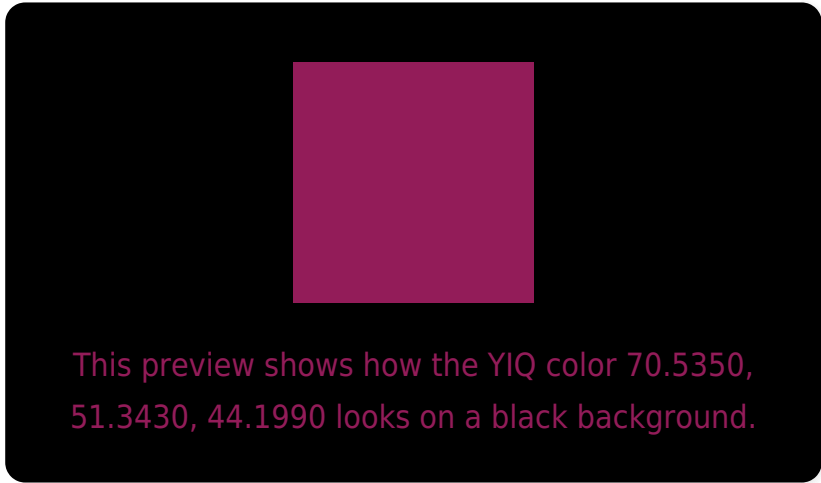
Large Text (above 18pt) WCAG AA ✓ Pass

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

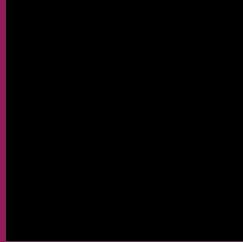
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 70.5350, 51.3430, 44.1990

Background



This preview shows how black text looks on a background with the YIQ color 70.5350, 51.3430, 44.1990.



This preview shows how white text looks on a background with the YIQ color 70.5350, 51.3430,

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

70.5350, 51.3430, 44.1990

Protanopia

79.6020, -21.8260, 10.0940

Deuteranopia

81.2610, 3.7590, 3.4630



Tritanopia

72.7260, 60.1500, 22.2460

Trichromacy



Original Color

70.5350, 51.3430, 44.1990

Protanomaly

76.0510, 5.1310, 22.6590

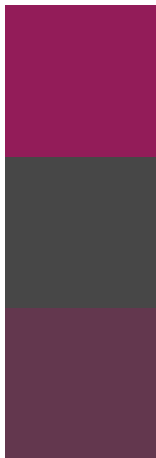
Deuteranomaly

77.5010, 21.1790, 18.1630

Tritanomaly

71.9140, 56.9850, 30.0490

Monochromacy



Original Color

70.5350, 51.3430, 44.1990

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.7780, 18.8410, 16.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.5350, 51.3430, 44.1990 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(147, 28, 89)` looks like.

```
.text, #text, p{  
    color:rgb(147, 28, 89)  
}
```

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(147, 28, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 28, 89) }
```

Border

The CSS property to change the border of an element to YIQ 70.5350, 51.3430, 44.1990 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(147, 28, 89) }
```


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

```
.border{ border-color:rgb(147, 28, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 28, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 28, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 28, 89);  
box-shadow:4px 4px 4px 4px rgb(147, 28,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 70.5350, 51.3430, 44.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 28, 89) }
```

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

```
.background{ background-color: rgb(147, 28,  
89) }
```

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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