

Converting Colors

YIQ(57.4350, 49.0490, 52.7370)

Have a look what the booklet for
YIQ(57.4350, 49.0490, 52.7370)
contains.

YIQ(57.4350, 49.0490, 52.7370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(57.4350, 49.0490,
52.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	890A5D
RGB	137, 10, 93
RGB Percent	54%, 4%, 36%
CMY	0.4624, 0.9609, 0.6352
CMYK	0.00, 0.93, 0.32, 0.46
HSL	321°, 86%, 29%
HSV	321°, 93%, 54%
XYZ	12.4165, 6.3328, 10.9316
YIQ	57.4350, 49.0490, 52.7370

Conversions

Conversions Part 2

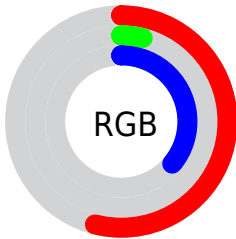
Format	Color
R_{YB}	137, 10, 93
Decimal	8981085
CIE _{Lab}	30.24, 54.40, -13.24
CIE _{LCh}	30, 55.991, 346.327
Yxy	6.3328, 0.4183, 0.2134
Android (android.graphics.Color)	4287171165 (0xFF890A5D)
YUV	57.4350, 17.5335, 69.7785
Hunter-Lab	25.1651, 44.0336, -8.1397

Details

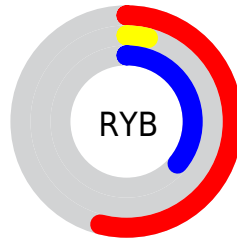
The YIQ color **57.4350, 49.0490, 52.7370** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **89.5650, -49.0490, -52.7370**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9200, 48.8210, 45.8530**, and **29.8760, 33.7850, 32.0010** is the 20% darker color. If you saturate the color by 10%, you get **51.2230, 52.7620, 57.0340**, and if you desaturate by 10%, it is **66.2230, 43.5940, 46.9700**.

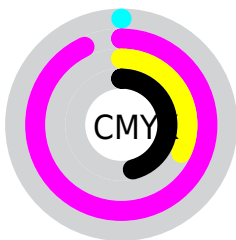
Distribution



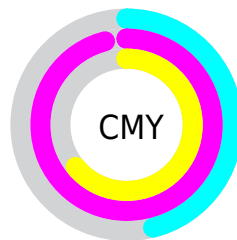
- Red (54%)
- Green (4%)
- Blue (36%)



- Red (54%)
- Yellow (4%)
- Blue (36%)



- Cyan (0%)
- Magenta (93%)
- Yellow (32%)
- Black (46%)



- Cyan (46%)
- Magenta (96%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.4350, 49.0490, 52.7370 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 57.4350, 49.0490, 52.7370 by changing the saturation by 10% instead.

■ 57.4350, 49.0490,
52.7370

■ 57.4350, 49.0490,
52.7370

■ 255.0000, -0.0000,
-0.0000

■ 40.4570, 42.8150,
44.5670

■ 118.9200, 48.8210,
45.8530

■ 29.8760, 33.7850,
32.0010

■ 146.8170, 50.6090,
46.4890

■ 20.4200, 25.9010,
20.6930

■ 174.7140, 52.3970,
47.1250

■ 7.5890, 14.5790,
5.6110

■ 194.6410, 36.3050,
41.4010

■ 0.0000, 0.0000,
0.0000

■ 214.3830, 19.2960,
35.7760

■ 231.5200, 11.0000,

20.9200

248.5430, 3.0250,
5.7530

57.4350, 49.0490,
52.7370

57.4350, 49.0490,
52.7370

51.2230, 52.7620,
57.0340

66.2230, 43.5940,
46.9700

74.4240, 38.4140,
41.7260

83.0980, 33.2800,
35.6480

91.8860, 27.8250,
29.8810

100.6740, 22.3700,
24.1140

■ 108.8750, 17.1900,
18.8700

■ 117.5490, 12.0560,
12.7920

■ 126.3370, 6.6010,
7.0250

■ 134.5380, 1.4210,
1.7810

Harmonies

Analogous

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



71.6620, 5.4490, 38.9290



57.4350, 49.0490, 52.7370



50.8160, 69.5450, 44.7210

Triad

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



57.4350, 49.0490, 52.7370



64.3460, 18.4360, -25.7560



66.9320, -67.2140, -4.3500

Complementary

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



57.4350, 49.0490, 52.7370



89.5650, -49.0490, -52.7370

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.



63.0730, -54.9700, -17.0020



57.4350, 49.0490, 52.7370



49.3080, -23.1000, -43.9320

Square

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



57.4350, 49.0490, 52.7370



67.4900, 44.9340, -10.3780



57.2420, -39.9290, -30.7850



66.0320, -72.9470, 5.9410

Rectangle

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



57.4350, 49.0490, 52.7370



60.2060, 67.4860, 21.4540



57.2420, -39.9290, -30.7850



66.1510, -63.6370, -8.6050

Sweetspot

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



57.4350, 49.0490, 52.7370



147.5980, 19.5280, 20.5520



37.0360, -15.7350, 48.4010



70.2500, 11.4600, 12.5800



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



57.4350, 49.0490, 52.7370



66.8590, 69.1270, 74.3350



50.3670, 68.9510, 33.4550



64.5490, 2.8880, 2.7280



49.6850, 51.3410, 55.2530



1.8370, 2.0170, 1.9930

Inverse Universe

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



57.4350, 49.0490, 52.7370



66.8590, 69.1270, 74.3350



96.6330, -68.9510, -33.4550



64.5490, 2.8880, 2.7280



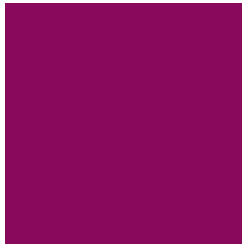
49.6850, 51.3410, 55.2530



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 57.4350, 49.0490, 52.7370 looks on a white background.

Color Contrast Check

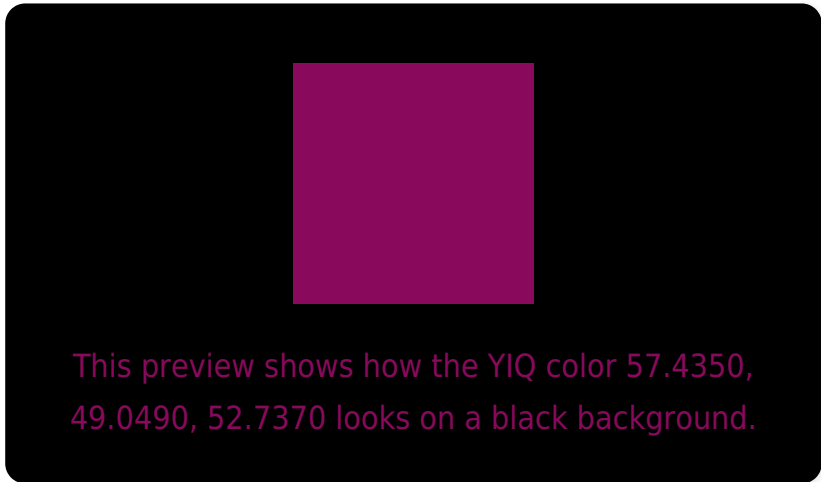
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.4350, 49.0490, 52.7370

Background



This preview shows how black text looks on a background with the YIQ color 57.4350, 49.0490, 52.7370.



This preview shows how white text looks on a background with the YIQ color 57.4350, 49.0490,

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

57.4350, 49.0490, 52.7370

Protanopia

70.7670, -35.3520, 12.9360

Deuteranopia

74.3080, -3.6230, 5.0890



Tritanopia

66.5190, 56.2990, 20.4510

Trichromacy



Original Color

57.4350, 49.0490, 52.7370

Protanomaly

65.5370, -4.8650, 27.6070

Deuteranomaly

67.9120, 15.7680, 22.6160

Tritanomaly

63.2280, 53.2250, 32.1130

Monochromacy



Original Color

57.4350, 49.0490, 52.7370

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1740, 17.7860, 19.0820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.4350, 49.0490, 52.7370 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(137, 10, 93)` looks like.

```
.text, #text, p{  
    color:rgb(137, 10, 93)  
}
```

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(137, 10, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 10, 93) }
```

Border

The CSS property to change the border of an element to YIQ 57.4350, 49.0490, 52.7370 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(137, 10, 93) }
```


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

```
.border{ border-color:rgb(137, 10, 93) }
```

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

Here you see how a box with a 4 pixel rgb(137, 10, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 10, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 10, 93);  
box-shadow:4px 4px 4px 4px rgb(137, 10,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 57.4350, 49.0490, 52.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 10, 93) }
```

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

```
.background{ background-color: rgb(137, 10,  
93) }
```

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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