

Converting Colors

YIQ(58.6430, 51.1590, 47.5350)

Have a look what the booklet for
YIQ(58.6430, 51.1590, 47.5350)
contains.

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Color

**YIQ(58.6430, 51.1590,
47.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	890E53
RGB	137, 14, 83
RGB Percent	54%, 5%, 33%
CMY	0.4624, 0.9452, 0.6744
CMYK	0.00, 0.90, 0.39, 0.46
HSL	326°, 82%, 30%
HSV	326°, 90%, 54%
XYZ	12.0497, 6.2634, 8.7652
YIQ	58.6430, 51.1590, 47.5350

Conversions

Conversions Part 2

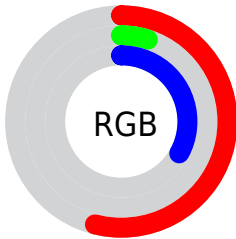
Format	Color
R_{YB}	137, 14, 83
Decimal	8982099
CIE _{Lab}	30.07, 52.61, -6.93
CIE _{LCh}	30, 53.066, 352.496
Yxy	6.2634, 0.4450, 0.2313
Android (android.graphics.Color)	4287172179 (0xFF890E53)
YUV	58.6430, 12.0080, 68.7191
Hunter-Lab	25.0268, 42.1459, -3.2465

Details

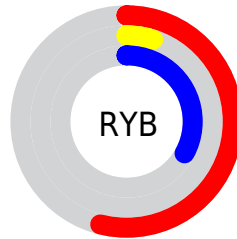
The YIQ color **58.6430, 51.1590, 47.5350** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **92.3570, -51.1590, -47.5350**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **118.2530, 52.0770, 41.9090**, and **28.8500, 36.6740, 29.2020** is the 20% darker color. If you saturate the color by 10%, you get **49.7410, 56.9350, 52.9910**, and if you desaturate by 10%, it is **67.5450, 45.3830, 42.0790**.

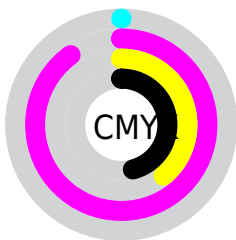
Distribution



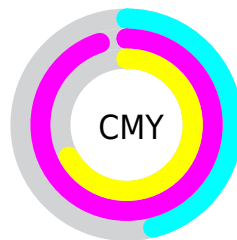
- Red (54%)
- Green (5%)
- Blue (33%)



- Red (54%)
- Yellow (5%)
- Blue (33%)



- Cyan (0%)
- Magenta (90%)
- Yellow (39%)
- Black (46%)



- Cyan (46%)
- Magenta (95%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.6430, 51.1590, 47.5350 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 58.6430, 51.1590, 47.5350 by changing the saturation by 10% instead.

■ 58.6430, 51.1590,
47.5350

■ 58.6430, 51.1590,
47.5350

■ 255.0000, -0.0000,
-0.0000

■ 39.4310, 45.7040,
41.7680

■ 118.2530, 52.0770,
41.9090

■ 28.8500, 36.6740,
29.2020

■ 146.1500, 53.8650,
42.5450

■ 19.3940, 28.7900,
17.8940

■ 173.9330, 55.9740,
42.8700

■ 6.2790, 12.5160,
4.4520


■ 193.8600, 39.8820,
37.1460


■ 0.0000, 0.0000,
0.0000


■ 213.6020, 22.8730,
31.5210


■ 232.1070, 10.7250,


20.3970


 249.1300, 2.7500,
5.2300


 58.6430, 51.1590,
47.5350


 58.6430, 51.1590,
47.5350


 49.7410, 56.9350,
52.9910

 67.5450, 45.3830,
42.0790

 75.8600, 39.8820,
37.1460

 84.7620, 34.1060,
31.6900

 93.6640, 28.3300,
26.2340

 102.5660, 22.5540,
20.7780

■ 110.8810, 17.0530,
15.8450

■ 119.7830, 11.2770,
10.3890

■ 128.6850, 5.5010,
4.9330

■ 137.0000, -0.0000,
0.0000

Harmonies

Analogous

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



71.1530, 14.2520, 39.0840



58.6430, 51.1590, 47.5350



58.3880, 64.4580, 32.2820

Triad

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



58.6430, 51.1590, 47.5350



63.1280, 13.1180, -28.4980



65.9860, -67.3060, -2.6820

Complementary

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



58.6430, 51.1590, 47.5350



92.3570, -51.1590, -47.5350

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.



63.1700, -56.6210, -14.6130



58.6430, 51.1590, 47.5350



51.3770, -27.5480, -40.4120

Square

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



58.6430, 51.1590, 47.5350



66.8590, 39.3410, -13.6430



58.3820, -43.1390, -27.6750



63.9290, -71.1590, 6.5770

Rectangle

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



58.6430, 51.1590, 47.5350



63.4840, 63.4070, 12.7750



58.3820, -43.1390, -27.6750



65.4330, -64.3710, -6.3150

Sweetspot

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



58.6430, 51.1590, 47.5350



147.7290, 20.5370, 18.7850



43.8690, -7.8950, 49.4890



71.1960, 11.5520, 10.9120



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.



58.6430, 51.1590, 47.5350



64.9210, 74.5840, 69.0480



51.6890, 70.7400, 28.5640



64.5490, 2.8880, 2.7280



48.2030, 55.5140, 51.2100



1.8370, 2.0170, 1.9930

Inverse Universe

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



58.6430, 51.1590, 47.5350



64.9210, 74.5840, 69.0480



99.3110, -70.7400, -28.5640



64.5490, 2.8880, 2.7280



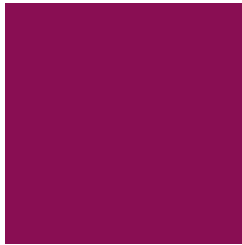
48.2030, 55.5140, 51.2100



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 58.6430, 51.1590, 47.5350 looks on a white background.

Color Contrast Check

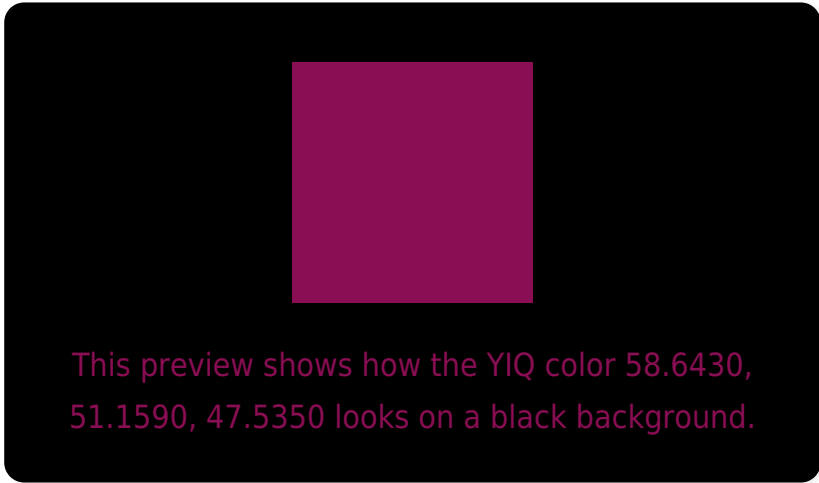
Large Text (above 18pt) WCAG AA ✓ Pass

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

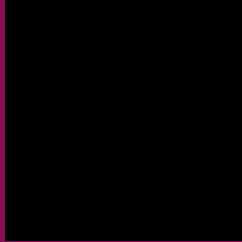
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.6430, 51.1590, 47.5350

Background



This preview shows how black text looks on a background with the YIQ color 58.6430, 51.1590, 47.5350.



This preview shows how white text looks on a background with the YIQ color 58.6430, 51.1590,

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

58.6430, 51.1590, 47.5350

Protanopia

72.0470, -24.5770, 10.3910

Deuteranopia

73.7770, 2.2460, 3.3500



Tritanopia

64.7150, 58.6830, 21.2990

Trichromacy



Original Color

58.6430, 51.1590, 47.5350

Protanomaly

67.3220, 2.9300, 24.0020

Deuteranomaly

67.9570, 19.8950, 19.4070

Tritanomaly

62.2560, 56.0220, 30.9820

Monochromacy



Original Color

58.6430, 51.1590, 47.5350

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.0060, 18.1990, 17.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.6430, 51.1590, 47.5350 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, 14, 83)` looks like.

```
.text, #text, p{  
    color:rgb(137, 14, 83)  
}
```

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, 14, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 14, 83) }
```

Border

The CSS property to change the border of an element to YIQ 58.6430, 51.1590, 47.5350 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, 14, 83) }
```


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

```
.border{ border-color:rgb(137, 14, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 14, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 14, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 14, 83);  
box-shadow:4px 4px 4px 4px rgb(137, 14,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 58.6430, 51.1590, 47.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 14, 83) }
```

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

```
.background{ background-color: rgb(137, 14,  
83) }
```

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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