

Converting Colors

YIQ(58.5350, 51.3430, 44.1990)

Have a look what the booklet for
YIQ(58.5350, 51.3430, 44.1990)
contains.

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Color

**YIQ(58.5350, 51.3430,
44.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	87104D
RGB	135, 16, 77
RGB Percent	53%, 6%, 30%
CMY	0.4703, 0.9374, 0.6979
CMYK	0.00, 0.88, 0.43, 0.47
HSL	329°, 79%, 30%
HSV	329°, 88%, 53%
XYZ	11.5304, 6.0632, 7.5912
YIQ	58.5350, 51.3430, 44.1990

Conversions

Conversions Part 2

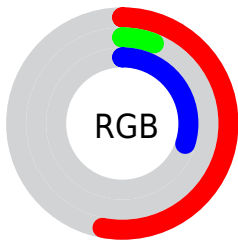
Format	Color
R_{YB}	135, 16, 77
Decimal	8851533
CIE _{Lab}	29.57, 51.09, -3.74
CIE _{LCh}	30, 51.226, 355.809
Yxy	6.0632, 0.4578, 0.2407
Android (android.graphics.Color)	4287041613 (0xFF87104D)
YUV	58.5350, 9.1032, 67.0598
Hunter-Lab	24.6235, 40.4944, -1.0420

Details

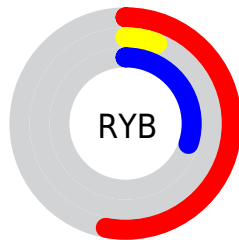
The YIQ color **58.5350, 51.3430, 44.1990** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **92.4650, -51.3430, -44.1990**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9710, 52.8110, 39.6190**, and **27.6820, 37.0870, 27.2230** is the 20% darker color. If you saturate the color by 10%, you get **49.5190, 57.4400, 49.3440**, and if you desaturate by 10%, it is **66.9640, 45.5210, 39.5770**.

Distribution



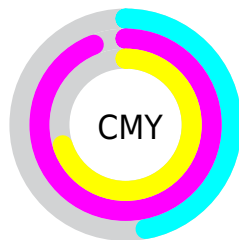
- Red (53%)
- Green (6%)
- Blue (30%)



- Red (53%)
- Yellow (6%)
- Blue (30%)



- Cyan (0%)
- Magenta (88%)
- Yellow (43%)
- Black (47%)



- Cyan (47%)
- Magenta (94%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.5350, 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 58.5350, 51.3430, 44.1990 by changing the saturation by 10% instead.

■ 58.5350, 51.3430,
44.1990

■ 58.5350, 51.3430,
44.1990

■ 255.0000, -0.0000,
-0.0000

■ 38.1490, 46.4380,
39.4780

■ 116.9710, 52.8110,
39.6190

■ 27.6820, 37.0870,
27.2230

■ 144.7540, 54.9200,
39.9440

■ 17.8840, 30.1660,
14.9820

■ 172.5370, 57.0290,
40.2690

■ 4.4850, 8.9400,
3.1800

■ 193.0620, 42.1290,
34.9690

■ 0.0000, 0.0000,
0.0000

■ 212.6900, 25.4410,
29.0330

■ 231.5200, 11.0000,

20.9200

248.5430, 3.0250,
5.7530

58.5350, 51.3430,
44.1990

58.5350, 51.3430,
44.1990

49.5190, 57.4400,
49.3440

66.9640, 45.5210,
39.5770

48.2310, 58.3110,
50.0790

75.8660, 39.7450,
34.1210

84.2950, 33.9230,
29.4990

93.1970, 28.1470,
24.0430

102.2130, 22.0500,
18.8980

■ 110.6420, 16.2280,
14.2760

■ 119.5440, 10.4520,
8.8200

■ 127.9730, 4.6300,
4.1980

■ 136.8750, -1.1460,
-1.2580

Harmonies

Analogous

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



69.1920, 18.5160, 38.9000



58.5350, 51.3430, 44.1990



59.6710, 61.9830, 27.5750

Triad

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



58.5350, 51.3430, 44.1990



61.0460, 10.4130, -29.0350



64.6980, -66.4350, -1.9470

Complementary

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



58.5350, 51.3430, 44.1990



92.4650, -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.



62.8110, -56.9880, -13.4680



58.5350, 51.3430, 44.1990



51.0010, -29.2450, -37.1890

Square

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



58.5350, 51.3430, 44.1990



65.9510, 36.0860, -15.2260



57.6640, -43.8730, -25.3850



62.2990, -69.3250, 6.3790

Rectangle

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



58.5350, 51.3430, 44.1990



62.9950, 60.2900, 8.6900



57.6640, -43.8730, -25.3850



64.2590, -63.8210, -5.2690

Sweetspot

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



58.5350, 51.3430, 44.1990



146.4900, 19.7120, 17.2160



46.9080, -3.6310, 49.3050



71.6690, 11.5980, 10.0780



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.



58.5350, 51.3430, 44.1990



62.8840, 76.0060, 65.3020



51.8090, 70.2820, 25.8500



62.1360, 2.6130, 2.2050



46.5080, 55.9730, 48.3970



1.0110, 1.4670, 0.9470

Inverse Universe

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



58.5350, 51.3430, 44.1990



62.8840, 76.0060, 65.3020



99.1910, -70.2820, -25.8500



62.1360, 2.6130, 2.2050



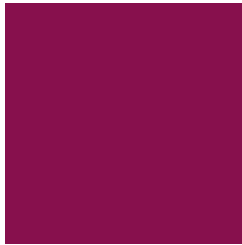
46.5080, 55.9730, 48.3970



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 58.5350, 51.3430, 44.1990 looks on a white background.

Color Contrast Check

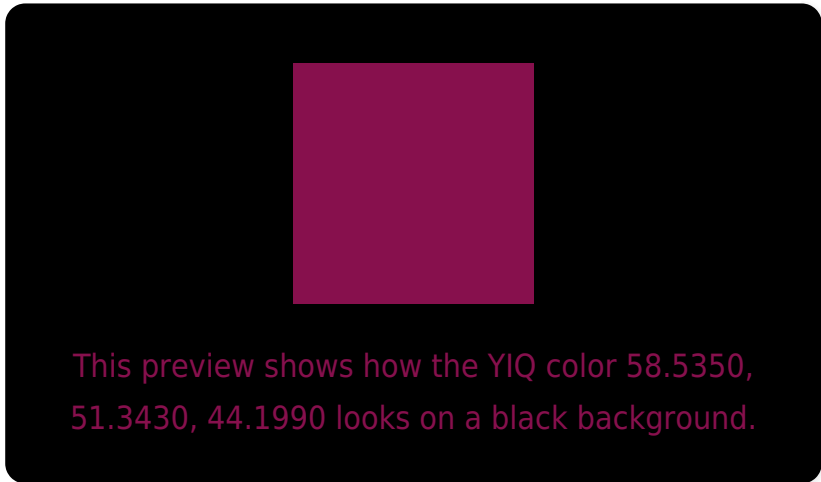
Large Text (above 18pt) WCAG AA ✓ Pass

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

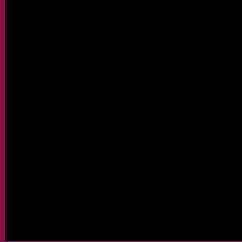
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.5350, 51.3430, 44.1990

Background



This preview shows how black text looks on a background with the YIQ color 58.5350, 51.3430, 44.1990.



This preview shows how white text looks on a background with the YIQ color 58.5350, 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

58.5350, 51.3430, 44.1990

Protanopia

71.7440, -19.3500, 9.2740

Deuteranopia

72.2180, 5.3180, 2.7420



Tritanopia

63.0140, 59.2790, 21.5110

Trichromacy



Original Color

58.5350, 51.3430, 44.1990

Protanomaly

67.0080, 6.6900, 21.9380

Deuteranomaly

67.2730, 21.8210, 17.5410

Tritanomaly

61.6150, 56.3890, 29.8370

Monochromacy



Original Color

58.5350, 51.3430, 44.1990

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.7780, 18.8410, 16.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.5350, 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(135, 16, 77)` looks like.

```
.text, #text, p{  
    color:rgb(135, 16, 77)  
}
```

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(135, 16, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 16, 77) }
```

Border

The CSS property to change the border of an element to YIQ 58.5350, 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(135, 16, 77) }
```


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

```
.border{ border-color:rgb(135, 16, 77) }
```

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

Here you see how a box with a 4 pixel rgb(135, 16, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 16, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 16, 77);  
box-shadow:4px 4px 4px 4px rgb(135, 16,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 58.5350, 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(135, 16, 77) }
```

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

```
.background{ background-color: rgb(135, 16,  
77) }
```

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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