

Converting Colors

YIQ(58.5700, 44.2350, 51.8750)

Have a look what the booklet for
YIQ(58.5700, 44.2350, 51.8750)
contains.

YIQ(58.5700, 44.2350, 51.8750)	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(58.5700, 44.2350,
51.8750)**

Conversions

Conversions Part 1

Format	Color
Hex	850D62
RGB	133, 13, 98
RGB Percent	52%, 5%, 38%
CMY	0.4781, 0.9492, 0.6156
CMYK	0.00, 0.90, 0.26, 0.48
HSL	318°, 82%, 29%
HSV	318°, 90%, 52%
XYZ	12.0357, 6.1625, 12.1173
YIQ	58.5700, 44.2350, 51.8750

Conversions

Conversions Part 2

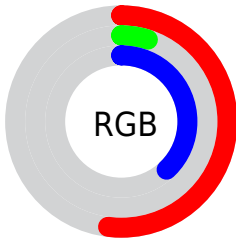
Format	Color
R_{YB}	133, 13, 98
Decimal	8719714
CIE _{Lab}	29.82, 53.59, -17.20
CIE _{LCh}	30, 56.280, 342.202
Yxy	6.1625, 0.3970, 0.2033
Android (android.graphics.Color)	4286909794 (0xFF850D62)
YUV	58.5700, 19.4390, 65.2751
Hunter-Lab	24.8244, 43.1001, -11.5637




Details

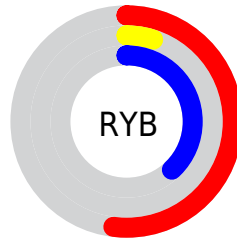
The YIQ color **58.5700, 44.2350, 51.8750** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **87.4300, -44.2350, -51.8750**, and the grayscale version is **58.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **118.4080, 44.5110, 46.8710**, and **29.4350, 30.7130, 32.6090** is the 20% darker color. If you saturate the color by 10%, you get **50.4830, 49.0940, 57.4300**, and if you desaturate by 10%, it is **66.6570, 39.3760, 46.3200**.

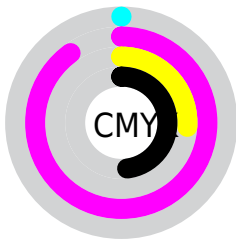
Distribution







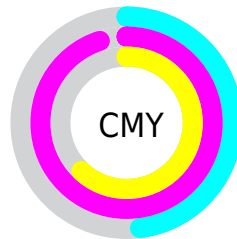
-  Red (52%)
-  Green (5%)
-  Blue (38%)






-  Red (52%)
-  Yellow (5%)
-  Blue (38%)



-  Cyan (0%)
-  Magenta (90%)
-  Yellow (26%)
-  Black (48%)





-  Cyan (48%)
-  Magenta (95%)
-  Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 58.5700, 44.2350, 51.8750 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 58.5700, 44.2350, 51.8750 by changing the saturation by 10% instead.


 58.5700, 44.2350,
51.8750


 58.5700, 44.2350,
51.8750


255.0000, -0.0000,
-0.0000


 40.1300, 39.4220,
45.4860


 118.4080, 44.5110,
46.8710


 29.4350, 30.7130,
32.6090

 146.0060, 45.7030,
47.2950


 19.9790, 22.8290,
21.3010

 174.4900, 47.2160,
47.4080

 6.2790, 12.5160,
4.4520

 195.3250, 34.3790,
43.2670


 0.0000, 0.0000,
0.0000


 214.4970, 18.9750,
36.0870


 231.5200, 11.0000,


20.9200


 248.5430, 3.0250,
5.7530


 58.5700, 44.2350,
51.8750


 58.5700, 44.2350,
51.8750


 50.4830, 49.0940,
57.4300

 66.6570, 39.3760,
46.3200

 75.3310, 34.2420,
40.2420

 83.4180, 29.3830,
34.6870

 91.5050, 24.5240,
29.1320

 100.0650, 19.7110,
22.7430

■ 108.1520, 14.8520,
17.1880

■ 116.2390, 9.9930,
11.6330

■ 124.3260, 5.1340,
6.0780

■ 133.0000, 0.0000,
0.0000

Harmonies

Analogous

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



71.1880, -2.0240, 36.6960



58.5700, 44.2350, 51.8750



49.6250, 68.7650, 47.8450

Triad

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



58.5700, 44.2350, 51.8750



64.6670, 21.9660, -23.6500



66.3620, -65.6090, -5.9050

Complementary

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



58.5700, 44.2350, 51.8750



87.4300, -44.2350, -51.8750

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.



61.6880, -52.4480, -18.6560



58.5700, 44.2350, 51.8750



50.8140, -18.6530, -41.9250

Square

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



58.5700, 44.2350, 51.8750



66.3380, 48.4180, -7.4380



55.7430, -37.0860, -32.7500



66.2770, -72.2590, 4.4850

Rectangle

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



58.5700, 44.2350, 51.8750



57.4390, 68.4480, 26.0480



55.7430, -37.0860, -32.7500



64.8800, -61.4360, -9.9480

Sweetspot

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



58.5700, 44.2350, 51.8750



144.5160, 16.8230, 20.0150



36.8460, -18.2560, 44.5280



69.6520, 10.2680, 12.1560



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



58.5700, 44.2350, 51.8750



65.7490, 63.6250, 74.9290



51.8440, 63.1740, 33.5260



62.2500, 2.2920, 2.5160



49.3580, 47.9480, 56.1720



1.1250, 1.1460, 1.2580

Inverse Universe

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



58.5700, 44.2350, 51.8750



65.7490, 63.6250, 74.9290



94.1560, -63.1740, -33.5260



62.2500, 2.2920, 2.5160



49.3580, 47.9480, 56.1720



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 58.5700, 44.2350, 51.8750 looks on a white background.

Color Contrast Check

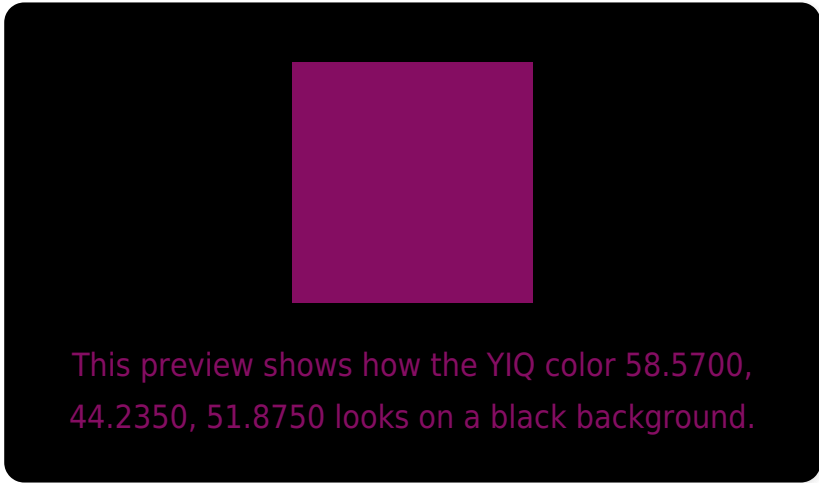
Large Text (above 18pt) WCAG AA ✓ Pass

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

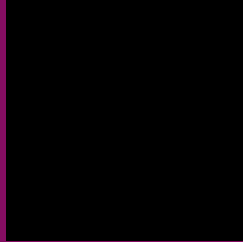
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.5700, 44.2350, 51.8750

Background



This preview shows how black text looks on a background with the YIQ color 58.5700, 44.2350, 51.8750.



This preview shows how white text looks on a background with the YIQ color 58.5700, 44.2350,

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

58.5700, 44.2350, 51.8750

Protanopia

67.2870, -42.6880, 13.7280

Deuteranopia

72.7960, -7.9330, 6.1070



Tritanopia

66.8390, 52.4020, 19.4900

Trichromacy



Original Color

58.5700, 44.2350, 51.8750

Protanomaly

64.0140, -10.6420, 27.6780

Deuteranomaly

67.5740, 10.9080, 22.5880

Tritanomaly

63.5480, 49.3280, 31.1520

Monochromacy



Original Color

58.5700, 44.2350, 51.8750

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.6900, 16.2730, 18.9690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.5700, 44.2350, 51.8750 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(133, 13, 98)` looks like.

```
.text, #text, p{  
    color:rgb(133, 13, 98)  
}
```

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(133, 13, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 13, 98) }
```

Border

The CSS property to change the border of an element to YIQ 58.5700, 44.2350, 51.8750 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(133, 13, 98) }
```


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

```
.border{ border-color:rgb(133, 13, 98) }
```

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

Here you see how a box with a 4 pixel rgb(133, 13, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 13, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 13, 98);  
box-shadow:4px 4px 4px 4px rgb(133, 13,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 58.5700, 44.2350, 51.8750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 13, 98) }
```

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

```
.background{ background-color: rgb(133, 13,  
98) }
```

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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