

Converting Colors

YIQ(59.0250, 52.7190, 41.2870)

Have a look what the booklet for
YIQ(59.0250, 52.7190, 41.2870)
contains.

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Color

**YIQ(59.0250, 52.7190,
41.2870)**

Conversions

Conversions Part 1

Format	Color
Hex	871247
RGB	135, 18, 71
RGB Percent	53%, 7%, 28%
CMY	0.4703, 0.9296, 0.7214
CMYK	0.00, 0.87, 0.47, 0.47
HSL	333°, 77%, 30%
HSV	333°, 87%, 53%
XYZ	11.3587, 6.0440, 6.5364
YIQ	59.0250, 52.7190, 41.2870

Conversions

Conversions Part 2

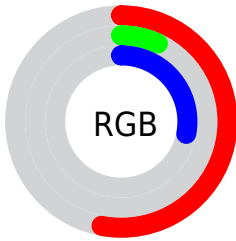
Format	Color
R_{YB}	135, 18, 71
Decimal	8852039
CIE _{Lab}	29.52, 50.06, 0.18
CIE _{LCh}	30, 50.062, 0.203
Yxy	6.0440, 0.4745, 0.2525
Android (android.graphics.Color)	4287042119 (0xFF871247)
YUV	59.0250, 5.9037, 66.6301
Hunter-Lab	24.5845, 39.4486, 1.4455

Details

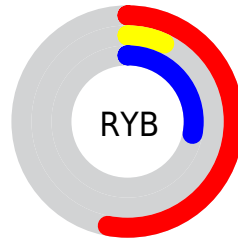
The YIQ color **59.0250, 52.7190, 41.2870** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **93.9750, -52.7190, -41.2870**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **117.0590, 55.3790, 37.1310**, and **26.8130, 38.0960, 25.4560** is the 20% darker color. If you saturate the color by 10%, you get **50.0090, 58.8160, 46.4320**, and if you desaturate by 10%, it is **67.4540, 46.8970, 36.6650**.

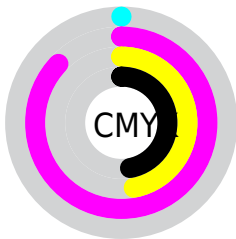
Distribution



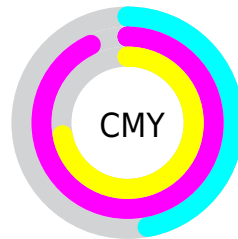
- Red (53%)
- Green (7%)
- Blue (28%)



- Red (53%)
- Yellow (7%)
- Blue (28%)



- Cyan (0%)
- Magenta (87%)
- Yellow (47%)
- Black (47%)



- Cyan (47%)
- Magenta (93%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.0250, 52.7190, 41.2870 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 59.0250, 52.7190, 41.2870 by changing the saturation by 10% instead.

■ 59.0250, 52.7190,
41.2870

■ 59.0250, 52.7190,
41.2870

255.0000, -0.0000,
-0.0000

■ 37.5790, 48.0430,
37.9230

■ 117.0590, 55.3790,
37.1310

■ 26.8130, 38.0960,
25.4560

■ 143.9560, 57.1670,
37.7670

■ 16.9720, 32.7340,
12.4940

■ 172.3260, 59.0010,
37.5690

■ 3.8870, 7.7480,
2.7560

■ 192.2640, 44.3760,
32.7920

■ 0.0000, 0.0000,
0.0000

■ 211.8920, 27.6880,
26.8560

■ 232.1070, 10.7250,

20.3970

249.1300, 2.7500,
5.2300

59.0250, 52.7190,
41.2870

59.0250, 52.7190,
41.2870

50.0090, 58.8160,
46.4320

67.4540, 46.8970,
36.6650

47.3190, 60.8790,
47.5910

76.5840, 40.4790,
31.8310

85.0130, 34.6570,
27.2090

94.1430, 28.2390,
22.3750

103.1590, 22.1420,
17.2300

■ 111.5880, 16.3200,
12.6080

■ 120.7180, 9.9020,
7.7740

■ 129.1470, 4.0800,
3.1520

■ 138.2770, -2.3380,
-1.6820

Harmonies

Analogous

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



68.5300, 23.3760, 38.9280



59.0250, 52.7190, 41.2870



61.1390, 60.4250, 22.7690

Triad

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



59.0250, 52.7190, 41.2870



59.5400, 5.9660, -31.0420



64.3390, -66.8020, -0.8020

Complementary

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



59.0250, 52.7190, 41.2870



93.9750, -52.7190, -41.2870

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.



62.7940, -58.3180, -11.3900



59.0250, 52.7190, 41.2870



52.5000, -32.0880, -35.2240

Square

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



59.0250, 52.7190, 41.2870



65.6300, 32.5560, -17.3320



58.3480, -45.7990, -23.5190



60.8970, -68.1330, 6.8030

Rectangle

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



59.0250, 52.7190, 41.2870



63.5770, 58.4110, 4.1950



58.3480, -45.7990, -23.5190



64.6010, -64.7840, -4.3360

Sweetspot

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



59.0250, 52.7190, 41.2870



146.1480, 20.6750, 16.2830



49.8760, -0.6050, 49.5310



71.4410, 12.2400, 9.4560



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.



59.0250, 52.7190, 41.2870



61.7440, 79.2160, 62.1920



55.3310, 68.6320, 22.7120



62.1360, 2.6130, 2.2050



45.5960, 58.5410, 45.9090



1.0110, 1.4670, 0.9470

Inverse Universe

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



59.0250, 52.7190, 41.2870



61.7440, 79.2160, 62.1920



97.6690, -68.6320, -22.7120



62.1360, 2.6130, 2.2050



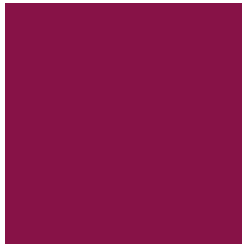
45.5960, 58.5410, 45.9090



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 59.0250, 52.7190, 41.2870 looks on a white background.

Color Contrast Check

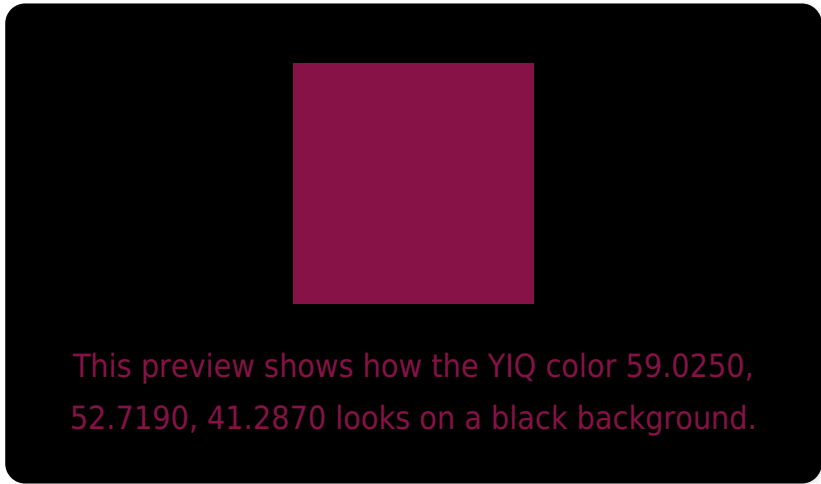
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.0250, 52.7190, 41.2870

Background



This preview shows how black text looks on a background with the YIQ color 59.0250, 52.7190, 41.2870.



This preview shows how white text looks on a background with the YIQ color 59.0250, 52.7190,

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

59.0250, 52.7190, 41.2870

Protanopia

71.9140, -14.0770, 7.3230

Deuteranopia

72.2460, 8.1150, 1.6110



Tritanopia

62.3130, 59.8750, 21.7230

Trichromacy



Original Color

59.0250, 52.7190, 41.2870

Protanomaly

67.2810, 10.1750, 19.3510

Deuteranomaly

67.3010, 24.6180, 16.4100

Tritanomaly

61.2730, 57.3520, 28.9040

Monochromacy



Original Color

59.0250, 52.7190, 41.2870

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.0230, 19.5290, 15.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.0250, 52.7190, 41.2870 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, 18, 71)` looks like.

```
.text, #text, p{  
    color:rgb(135, 18, 71)  
}
```

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, 18, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 18, 71) }
```

Border

The CSS property to change the border of an element to YIQ 59.0250, 52.7190, 41.2870 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, 18, 71) }
```


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

```
.border{ border-color:rgb(135, 18, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 18, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 18, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 18, 71);  
box-shadow:4px 4px 4px 4px rgb(135, 18,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 59.0250, 52.7190, 41.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 18, 71) }
```

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

```
.background{ background-color: rgb(135, 18,  
71) }
```

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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