

Converting Colors

YIQ(51.2610, 40.4310, 43.7190)

Have a look what the booklet for
YIQ(51.2610, 40.4310, 43.7190)
contains.

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Color

**YIQ(51.2610, 40.4310,
43.7190)**

Conversions

Conversions Part 1

Format	Color
Hex	750C51
RGB	117, 12, 81
RGB Percent	46%, 5%, 32%
CMY	0.5409, 0.9531, 0.6822
CMYK	0.00, 0.90, 0.31, 0.54
HSL	321°, 81%, 25%
HSV	321°, 90%, 46%
XYZ	8.9633, 4.6435, 8.2138
YIQ	51.2610, 40.4310, 43.7190

Conversions

Conversions Part 2

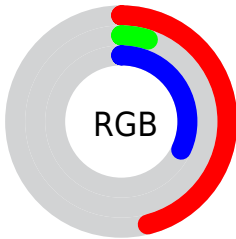
Format	Color
R_{YB}	117, 12, 81
Decimal	7670865
CIE _{Lab}	25.69, 47.87, -12.62
CIE _{LCh}	26, 49.508, 345.231
Yxy	4.6435, 0.4108, 0.2128
Android (android.graphics.Color)	4285860945 (0xFF750C51)
YUV	51.2610, 14.6613, 57.6531
Hunter-Lab	21.5487, 36.5382, -7.5158

Details

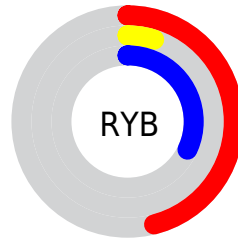
The YIQ color **51.2610, 40.4310, 43.7190** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **77.7390, -40.4310, -43.7190**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **108.8110, 41.5780, 39.4500**, and **23.2400, 26.5880, 24.7640** is the 20% darker color. If you saturate the color by 10%, you get **43.7610, 45.0150, 48.7510**, and if you desaturate by 10%, it is **58.7610, 35.8470, 38.6870**.

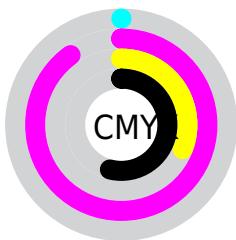
Distribution



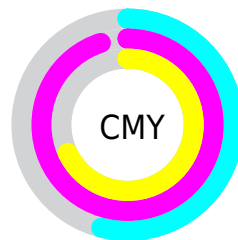
- Red (46%)
- Green (5%)
- Blue (32%)



- Red (46%)
- Yellow (5%)
- Blue (32%)



- Cyan (0%)
- Magenta (90%)
- Yellow (31%)
- Black (54%)



- Cyan (54%)
- Magenta (95%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.2610, 40.4310, 43.7190 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 51.2610, 40.4310, 43.7190 by changing the saturation by 10% instead.

■ 51.2610, 40.4310,
43.7190

■ 51.2610, 40.4310,
43.7190

■ 255.0000, -0.0000,
-0.0000

■ 33.5220, 35.0220,
37.1180

■ 108.8110, 41.5780,
39.4500

■ 23.2400, 26.5880,
24.7640

■ 135.5230, 42.4490,
40.1850

■ 13.5560, 19.3460,
12.8340

■ 163.0070, 43.9620,
40.2980


■ 0.0000, 0.0000,
0.0000


■ 189.5230, 42.4490,
40.1850


■ 209.1510, 25.7610,
34.2490


■ 227.4110, 12.9250,


24.5810


 244.4340, 4.9500,
9.4140


 51.2610, 40.4310,
43.7190


 51.2610, 40.4310,
43.7190


 43.7610, 45.0150,
48.7510

 58.7610, 35.8470,
38.6870

 65.6740, 31.5380,
34.1780

 73.1740, 26.9540,
29.1460

 80.6740, 22.3700,
24.1140

 88.1740, 17.7860,
19.0820

■ 95.0870, 13.4770,
14.5730

■ 102.5870, 8.8930,
9.5410

■ 110.0870, 4.3090,
4.5090

■ 117.0000, -0.0000,
0.0000

Harmonies

Analogous

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



61.8910, 3.0660, 32.5540



51.2610, 40.4310, 43.7190



45.3260, 59.0010, 37.5690

Triad

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



51.2610, 40.4310, 43.7190



55.4970, 16.6930, -21.6990



57.6080, -57.4940, -4.2940

Complementary

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



51.2610, 40.4310, 43.7190



77.7390, -40.4310, -43.7190

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.



54.3190, -46.8550, -15.3910



51.2610, 40.4310, 43.7190



42.2640, -19.8000, -37.6560

Square

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



51.2610, 40.4310, 43.7190



57.7330, 39.9360, -7.9040



49.1720, -33.7400, -27.3080



56.9530, -62.5390, 4.5410

Rectangle

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



51.2610, 40.4310, 43.7190



51.8350, 58.2250, 18.5850



49.1720, -33.7400, -27.3080



56.4680, -54.2840, -7.4040

Sweetspot

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



51.2610, 40.4310, 43.7190



127.3370, 15.7690, 17.0890



34.4350, -12.8450, 40.0750



61.2990, 9.7640, 10.2760



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



51.2610, 40.4310, 43.7190



57.2610, 58.7670, 63.8470



45.3330, 57.1230, 27.5470



55.2500, 2.2920, 2.5160



45.5980, 47.0320, 50.7440



93.4460, 96.3560, 104.0040

Inverse Universe

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



51.2610, 40.4310, 43.7190



57.2610, 58.7670, 63.8470



83.6670, -57.1230, -27.5470



55.2500, 2.2920, 2.5160



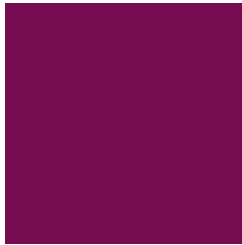
45.5980, 47.0320, 50.7440



93.4460, 96.3560, 104.0040

Previews

White Background



This preview shows how the YIQ color 51.2610, 40.4310, 43.7190 looks on a white background.

Color Contrast Check

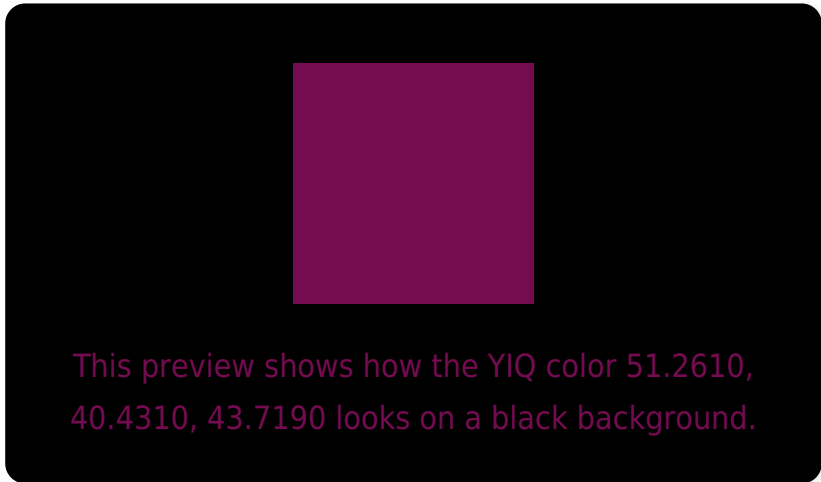
Large Text (above 18pt) WCAG AA ✓ Pass

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

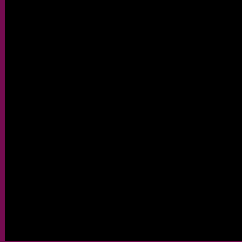
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.2610, 40.4310, 43.7190

Background



This preview shows how black text looks on a background with the YIQ color 51.2610, 40.4310, 43.7190.



This preview shows how white text looks on a background with the YIQ color 51.2610, 40.4310,

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

51.2610, 40.4310, 43.7190

Protanopia

60.7520, -30.9960, 11.0840

Deuteranopia

63.8950, -3.8980, 4.5660



Tritanopia

57.4470, 47.6340, 17.7940

Trichromacy



Original Color

51.2610, 40.4310, 43.7190

Protanomaly

57.4890, -4.9100, 22.9140

Deuteranomaly

59.5370, 12.3300, 18.8420

Tritanomaly

54.9880, 44.9730, 27.4770

Monochromacy



Original Color

51.2610, 40.4310, 43.7190

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

51.2120, 14.6230, 15.8310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.2610, 40.4310, 43.7190 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(117, 12, 81)` looks like.

```
.text, #text, p{  
    color:rgb(117, 12, 81)  
}
```

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(117, 12, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 12, 81) }
```

Border

The CSS property to change the border of an element to YIQ 51.2610, 40.4310, 43.7190 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(117, 12, 81) }
```


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

```
.border{ border-color:rgb(117, 12, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 12, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 12, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 12, 81);  
box-shadow:4px 4px 4px 4px rgb(117, 12,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 51.2610, 40.4310, 43.7190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 12, 81) }
```

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

```
.background{ background-color: rgb(117, 12,  
81) }
```

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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