

Converting Colors

YIQ(50.5600, 41.0270, 43.9310)

Have a look what the booklet for
YIQ(50.5600, 41.0270, 43.9310)
contains.

YIQ(50.5600, 41.0270, 43.9310)	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(50.5600, 41.0270,
43.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	750B50
RGB	117, 11, 80
RGB Percent	46%, 4%, 31%
CMY	0.5409, 0.9570, 0.6862
CMYK	0.00, 0.91, 0.32, 0.54
HSL	321°, 83%, 25%
HSV	321°, 91%, 46%
XYZ	8.9144, 4.6051, 8.0138
YIQ	50.5600, 41.0270, 43.9310

Conversions

Conversions Part 2

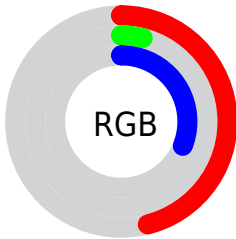
Format	Color
RYB	117, 11, 80
Decimal	7670608
CIELab	25.58, 47.95, -12.13
CIELCh	26, 49.464, 345.807
Yxy	4.6051, 0.4140, 0.2139
Android (android.graphics.Color)	4285860688 (0xFF750B50)
YUV	50.5600, 14.5139, 58.2679
Hunter-Lab	21.4594, 36.5964, -7.1198

Details

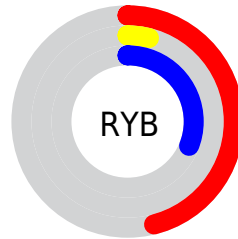
The YIQ color **50.5600, 41.0270, 43.9310** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **77.4400, -41.0270, -43.9310**, and the grayscale version is **50.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **108.1100, 42.1740, 39.6620**, and **23.1260, 26.9090, 24.4530** is the 20% darker color. If you saturate the color by 10%, you get **43.6470, 45.3360, 48.4400**, and if you desaturate by 10%, it is **58.0600, 36.4430, 38.8990**.

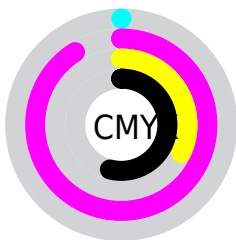
Distribution



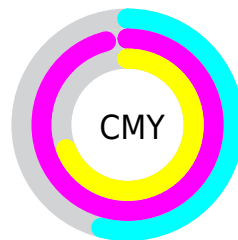
- Red (46%)
- Green (4%)
- Blue (31%)



- Red (46%)
- Yellow (4%)
- Blue (31%)



- Cyan (0%)
- Magenta (91%)
- Yellow (32%)
- Black (54%)





- Cyan (54%)
- Magenta (96%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 50.5600, 41.0270, 43.9310 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 50.5600, 41.0270, 43.9310 by changing the saturation by 10% instead.


 50.5600, 41.0270,
43.9310


 50.5600, 41.0270,
43.9310


255.0000, -0.0000,
-0.0000


 33.4080, 35.3430,
36.8070

 108.1100, 42.1740,
39.6620


 23.1260, 26.9090,
24.4530


 135.2950, 43.0910,
39.5630

 13.3280, 19.9880,
12.2120

 162.6050, 45.1540,
40.7220

 0.0000, 0.0000,
0.0000


 188.8220, 43.0450,
40.3970

 208.4500, 26.3570,
34.4610


 227.4110, 12.9250,


24.5810


 243.8470, 5.2250,
9.9370


 50.5600, 41.0270,
43.9310


 50.5600, 41.0270,
43.9310


 43.6470, 45.3360,
48.4400

 58.0600, 36.4430,
38.8990

 64.9730, 32.1340,
34.3900

 72.4730, 27.5500,
29.3580

 79.9730, 22.9660,
24.3260

 87.4730, 18.3820,
19.2940

■ 94.5000, 13.7520,
15.0960

■ 102.0000, 9.1680,
10.0640

■ 109.5000, 4.5840,
5.0320

■ 116.4130, 0.2750,
0.5230

Harmonies

Analogous

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



61.3040, 3.3410, 33.0770



50.5600, 41.0270, 43.9310



45.2120, 59.3220, 37.2580

Triad

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



50.5600, 41.0270, 43.9310



55.1980, 16.0970, -21.9110



57.0210, -57.2190, -3.7710

Complementary

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



50.5600, 41.0270, 43.9310



77.4400, -41.0270, -43.9310

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.



53.7320, -46.5800, -14.8680



50.5600, 41.0270, 43.9310



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.



50.5600, 41.0270, 43.9310



57.4340, 39.3400, -8.1160



48.6990, -33.7860, -26.4740



56.3660, -62.2640, 5.0640

Rectangle

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



50.5600, 41.0270, 43.9310



51.8350, 58.2250, 18.5850



48.6990, -33.7860, -26.4740



56.4680, -54.2840, -7.4040

Sweetspot

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



50.5600, 41.0270, 43.9310



127.3370, 15.7690, 17.0890



33.5490, -13.1660, 40.3860



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.



50.5600, 41.0270, 43.9310



57.1470, 59.0880, 63.5360



44.7460, 57.3980, 28.0700



55.2500, 2.2920, 2.5160



45.5980, 47.0320, 50.7440



93.3320, 96.6770, 103.6930

Inverse Universe

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



50.5600, 41.0270, 43.9310



57.1470, 59.0880, 63.5360



83.2540, -57.3980, -28.0700



55.2500, 2.2920, 2.5160



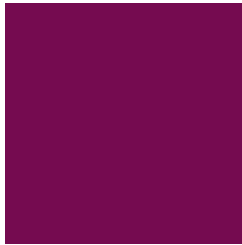
45.5980, 47.0320, 50.7440



93.3320, 96.6770, 103.6930

Previews

White Background



This preview shows how the YIQ color 50.5600, 41.0270, 43.9310 looks on a white background.

Color Contrast Check

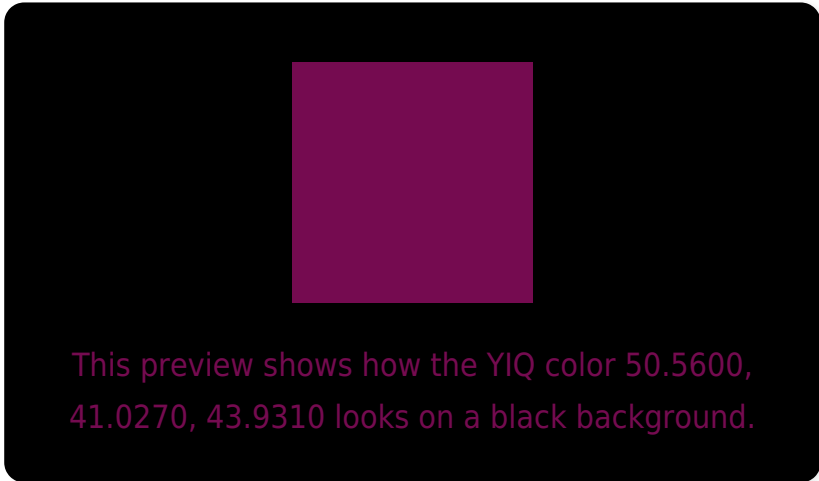
Large Text (above 18pt) WCAG AA ✓ Pass

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

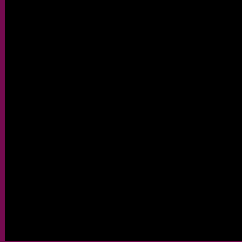
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 50.5600, 41.0270, 43.9310

Background



This preview shows how black text looks on a background with the YIQ color 50.5600, 41.0270, 43.9310.



This preview shows how white text looks on a background with the YIQ color 50.5600, 41.0270,

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

50.5600, 41.0270, 43.9310

Protanopia

60.3500, -29.8040, 11.5080

Deuteranopia

64.0800, -2.9810, 4.4670



Tritanopia

57.3330, 47.9550, 17.4830

Trichromacy



Original Color

50.5600, 41.0270, 43.9310

Protanomaly

56.7880, -4.3140, 23.1260

Deuteranomaly

58.8360, 12.9260, 19.0540

Tritanomaly

54.8740, 45.2940, 27.1660

Monochromacy



Original Color

50.5600, 41.0270, 43.9310

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.6250, 14.8980, 16.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 50.5600, 41.0270, 43.9310 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, 11, 80)` looks like.

```
.text, #text, p{  
    color:rgb(117, 11, 80)  
}
```

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, 11, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 11, 80) }
```

Border

The CSS property to change the border of an element to YIQ 50.5600, 41.0270, 43.9310 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, 11, 80) }
```


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

```
.border{ border-color:rgb(117, 11, 80) }
```

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

Here you see how a box with a 4 pixel rgb(117, 11, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 11, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 11, 80);  
box-shadow:4px 4px 4px 4px rgb(117, 11,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 50.5600, 41.0270, 43.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 11, 80) }
```

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

```
.background{ background-color: rgb(117, 11,  
80) }
```

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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