

Converting Colors

YIQ(41.4300, 29.1090, 28.6370)

Have a look what the booklet for
YIQ(41.4300, 29.1090, 28.6370)
contains.

YIQ(41.4300, 29.1090, 28.6370)	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(41.4300, 29.1090,
28.6370)**

Conversions

Conversions Part 1

Format	Color
Hex	570F3A
RGB	87, 15, 58
RGB Percent	34%, 6%, 23%
CMY	0.6586, 0.9413, 0.7725
CMYK	0.00, 0.83, 0.33, 0.66
HSL	324°, 71%, 20%
HSV	324°, 83%, 34%
XYZ	4.8699, 2.6752, 4.2655
YIQ	41.4300, 29.1090, 28.6370

Conversions

Conversions Part 2

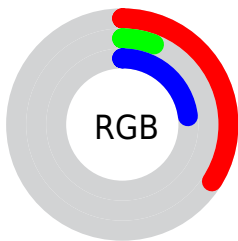
Format	Color
R_{YB}	87, 15, 58
Decimal	5705530
CIE _{Lab}	18.69, 36.17, -8.11
CIE _{LCh}	19, 37.067, 347.362
Yxy	2.6752, 0.4123, 0.2265
Android (android.graphics.Color)	4283895610 (0xFF570F3A)
YUV	41.4300, 8.1690, 39.9649
Hunter-Lab	16.3559, 24.5241, -4.0131

Details

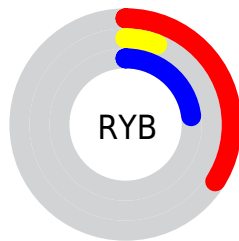
The YIQ color **41.4300, 29.1090, 28.6370** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **60.5700, -29.1090, -28.6370**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **92.5720, 31.5850, 27.8170**, and **13.9690, 19.6210, 13.3570** is the 20% darker color. If you saturate the color by 10%, you get **35.8050, 32.5470, 32.4110**, and if you desaturate by 10%, it is **47.1690, 25.3500, 25.1740**.

Distribution



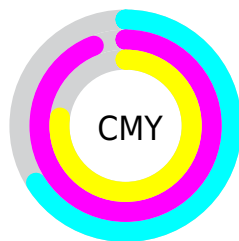
- Red (34%)
- Green (6%)
- Blue (23%)



- Red (34%)
- Yellow (6%)
- Blue (23%)



- Cyan (0%)
- Magenta (83%)
- Yellow (33%)
- Black (66%)



- Cyan (66%)
- Magenta (94%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.4300, 29.1090, 28.6370 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 41.4300, 29.1090, 28.6370 by changing the saturation by 10% instead.

41.4300, 29.1090,
28.6370

41.4300, 29.1090,
28.6370

255.0000, -0.0000,
-0.0000

22.6420, 25.3960,
24.3400

92.5720, 31.5850,
27.8170

13.9690, 19.6210,
13.3570

118.1700, 32.7770,
28.2410

0.0000, 0.0000,
0.0000

144.7680, 33.9690,
28.6650


171.7790, 35.4360,
29.6120


199.4910, 36.3070,
30.3470


219.7170, 20.8110,


24.8350


 237.9770, 7.9750,
15.1670


 41.4300, 29.1090,
28.6370


 41.4300, 29.1090,
28.6370


 35.8050, 32.5470,
32.4110


 47.1690, 25.3500,
25.1740

 31.9410, 35.1600,
34.6160

 52.2070, 22.1870,
21.9230

 57.9460, 18.4280,
18.4600

 63.5710, 14.9900,
14.6860

 69.3100, 11.2310,
11.2230

■ 74.3480, 8.0680,
7.9720

■ 80.0870, 4.3090,
4.5090

■ 85.7120, 0.8710,
0.7350

■ 90.8640, -2.6130,
-2.2050

Harmonies

Analogous

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



46.3930, 4.1680, 23.5920



41.4300, 29.1090, 28.6370



39.2600, 41.0310, 21.8230

Triad

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



41.4300, 29.1090, 28.6370



41.6200, 12.1530, -16.5110



42.5620, -42.6850, -2.8530

Complementary

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



41.4300, 29.1090, 28.6370



60.5700, -29.1090, -28.6370

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.



40.4130, -35.2560, -10.8400



41.4300, 29.1090, 28.6370



33.4210, -12.5120, -26.5600

Square

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



41.4300, 29.1090, 28.6370



43.5130, 28.9320, -6.7160



36.6340, -25.9930, -19.0250



41.6960, -45.7580, 3.2820

Rectangle

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



41.4300, 29.1090, 28.6370



40.7080, 42.2250, 11.1930



36.6340, -25.9930, -19.0250



42.3510, -40.7130, -5.5530

Sweetspot

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



41.4300, 29.1090, 28.6370



94.3100, 11.2310, 11.2230



31.8790, -5.8280, 28.5400



45.2230, 6.9220, 6.7140



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



41.4300, 29.1090, 28.6370



41.7130, 44.9700, 44.0580



37.3260, 40.6650, 17.4410



40.5380, 1.4210, 1.7810



39.2890, 43.2280, 42.5880



86.2250, 95.1200, 93.3600

Inverse Universe

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



41.4300, 29.1090, 28.6370



41.7130, 44.9700, 44.0580



64.6740, -40.6650, -17.4410



40.5380, 1.4210, 1.7810



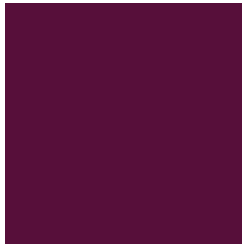
39.2890, 43.2280, 42.5880



86.2250, 95.1200, 93.3600

Previews

White Background



This preview shows how the YIQ color 41.4300, 29.1090, 28.6370 looks on a white background.

Color Contrast Check

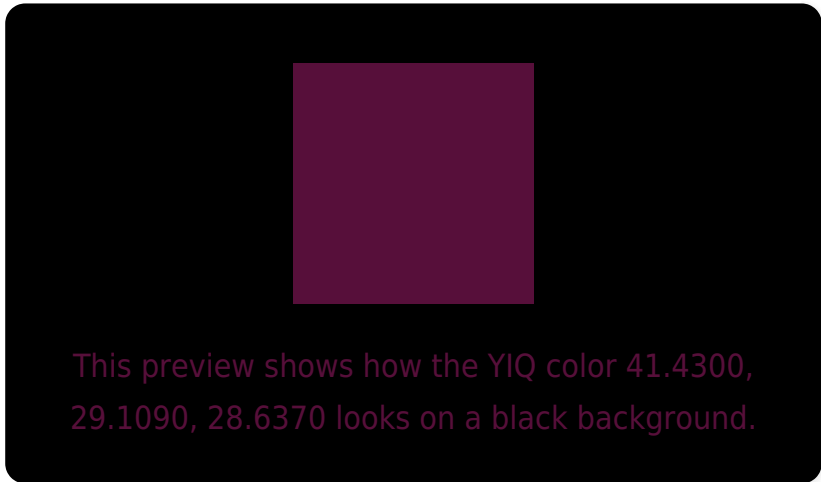
Large Text (above 18pt) WCAG AA ✓ Pass

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

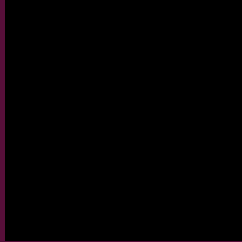
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.4300, 29.1090, 28.6370

Background



This preview shows how black text looks on a background with the YIQ color 41.4300, 29.1090, 28.6370.



This preview shows how white text looks on a background with the YIQ color 41.4300, 29.1090,

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

41.4300, 29.1090, 28.6370

Protanopia

46.8750, -18.3410, 7.5070

Deuteranopia

47.8090, -0.7800, 3.1240



Tritanopia

43.7550, 34.8430, 12.8190

Trichromacy



Original Color

41.4300, 29.1090, 28.6370

Protanomaly

44.6000, -1.1490, 15.3230

Deuteranomaly

45.6520, 10.2680, 12.1560

Tritanomaly

42.9600, 33.0080, 18.5440

Monochromacy



Original Color

41.4300, 29.1090, 28.6370

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.4840, 10.6810, 10.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.4300, 29.1090, 28.6370 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(87, 15, 58)` looks like.

```
.text, #text, p{  
    color:rgb(87, 15, 58)  
}
```

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(87, 15, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 15, 58) }
```

Border

The CSS property to change the border of an element to YIQ 41.4300, 29.1090, 28.6370 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(87, 15, 58) }
```


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

```
.border{ border-color:rgb(87, 15, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 15, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 15, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 15, 58);  
box-shadow:4px 4px 4px 4px rgb(87, 15, 58)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.4300, 29.1090, 28.6370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 15, 58) }
```

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

```
.background{ background-color: rgb(87, 15,  
58) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor