

Converting Colors

YIQ(29.3700, 29.3380, 29.9940)

Have a look what the booklet for
YIQ(29.3700, 29.3380, 29.9940)
contains.

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Color

**YIQ(29.3700, 29.3380,
29.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	4C0230
RGB	76, 2, 48
RGB Percent	30%, 1%, 19%
CMY	0.7018, 0.9923, 0.8117
CMYK	0.00, 0.97, 0.37, 0.70
HSL	323°, 95%, 15%
HSV	323°, 97%, 30%
XYZ	3.5399, 1.7950, 2.9584
YIQ	29.3700, 29.3380, 29.9940

Conversions

Conversions Part 2

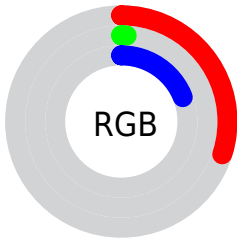
Format	Color
R_{YB}	76, 2, 48
Decimal	4981296
CIE _{Lab}	14.37, 36.06, -7.76
CIE _{LCh}	14, 36.888, 347.856
Yxy	1.7950, 0.4268, 0.2164
Android (android.graphics.Color)	4283171376 (0xFF4C0230)
YUV	29.3700, 9.1846, 40.8945
Hunter-Lab	13.3976, 23.7179, -3.7140

Details

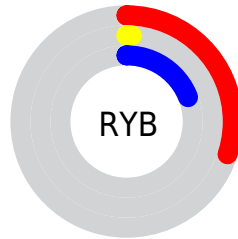
The YIQ color **29.3700, 29.3380, 29.9940** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **48.6300, -29.3380, -29.9940**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **81.2730, 30.9890, 27.6050**, and **7.2900, 13.9830, 5.3990** is the 20% darker color. If you saturate the color by 10%, you get **28.0820, 30.2090, 30.7290**, and if you desaturate by 10%, it is **34.4080, 26.1750, 26.7430**.

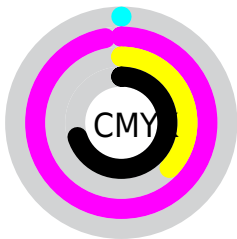
Distribution



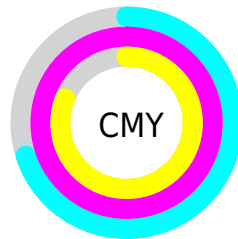
- Red (30%)
- Green (1%)
- Blue (19%)



- Red (30%)
- Yellow (1%)
- Blue (19%)



- Cyan (0%)
- Magenta (97%)
- Yellow (37%)
- Black (70%)





- Cyan (70%)
- Magenta (99%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 29.3700, 29.3380, 29.9940 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 29.3700, 29.3380, 29.9940 by changing the saturation by 10% instead.


 29.3700, 29.3380,
29.9940


 29.3700, 29.3380,
29.9940

 247.9560, 3.3000,
6.2760


 18.6260, 22.3250,
19.4210


 81.2730, 30.9890,
27.6050


 7.2900, 13.9830,
5.3990

 106.8710, 32.1810,
28.0290

 0.0000, 0.0000,
0.0000


 133.3550, 33.6940,
28.1420


 160.3660, 35.1610,
29.0890


 187.3770, 36.6280,
30.0360


 211.1910, 28.2840,


27.0680

 230.9330, 11.2750,
21.4430


 29.3700, 29.3380,
29.9940


 29.3700, 29.3380,
29.9940


 28.0820, 30.2090,
30.7290

 34.4080, 26.1750,
26.7430

 38.8590, 23.2870,
24.0150

 43.8970, 20.1240,
20.7640

 48.3480, 17.2360,
18.0360

 53.2720, 14.3940,
14.4740

■ 58.3100, 11.2310,
11.2230

■ 62.7610, 8.3430,
8.4950

■ 67.7990, 5.1800,
5.2440

■ 72.2500, 2.2920,
2.5160

Harmonies

Analogous

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



36.6920, 4.7640, 23.8040



29.3700, 29.3380, 29.9940



27.0150, 40.3430, 23.2790

Triad

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



29.3700, 29.3380, 29.9940



33.0480, 8.0720, -14.1360



35.5520, -36.7250, -0.7330

Complementary

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



29.3700, 29.3380, 29.9940



48.6300, -29.3380, -29.9940

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.



33.5170, -29.6170, -8.4090



29.3700, 29.3380, 29.9940



25.8280, -12.1000, -23.0120

Square

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



29.3700, 29.3380, 29.9940



34.6420, 24.2550, -4.5530



30.4390, -20.9500, -16.8060



35.2730, -40.0730, 4.8790

Rectangle

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



29.3700, 29.3380, 29.9940



29.7680, 41.9960, 9.8360



30.4390, -20.9500, -16.8060



35.3410, -34.7530, -3.4330

Sweetspot

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



29.3700, 29.3380, 29.9940



81.4240, 10.9100, 11.5340



18.5090, -7.6620, 28.7380



39.6360, 7.1970, 7.2370



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



29.3700, 29.3380, 29.9940



36.6690, 39.1020, 40.2700



25.2660, 40.8940, 18.7980



35.5380, 1.4210, 1.7810



37.6800, 40.5690, 41.2170



85.0720, 91.1770, 93.2330

Inverse Universe

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



29.3700, 29.3380, 29.9940



36.6690, 39.1020, 40.2700



52.7340, -40.8940, -18.7980



35.5380, 1.4210, 1.7810



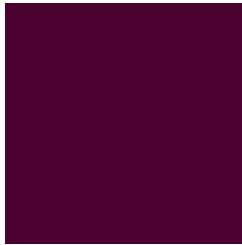
37.6800, 40.5690, 41.2170



85.0720, 91.1770, 93.2330

Previews

White Background



This preview shows how the YIQ color 29.3700, 29.3380, 29.9940 looks on a white background.

Color Contrast Check

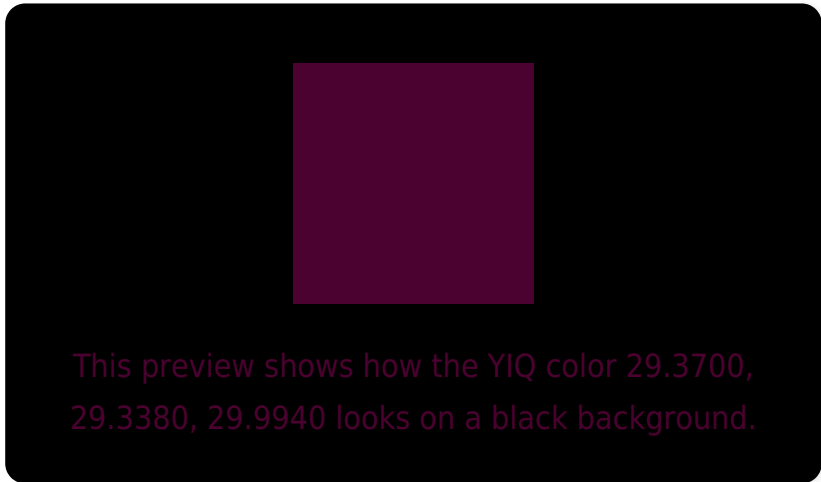
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3700, 29.3380, 29.9940

Background



This preview shows how black text looks on a background with the YIQ color 29.3700, 29.3380, 29.9940.



This preview shows how white text looks on a background with the YIQ color 29.3700, 29.3380,

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

29.3700, 29.3380, 29.9940

Protanopia

39.1310, -16.1860, 6.9980

Deuteranopia

40.5810, -0.1380, 2.5020



Tritanopia

35.5590, 32.4590, 11.9710

Trichromacy



Original Color

29.3700, 29.3380, 29.9940

Protanomaly

35.6710, 0.0890, 14.9130

Deuteranomaly

36.6520, 10.2680, 12.1560

Tritanomaly

33.4760, 31.4950, 18.4310

Monochromacy



Original Color

29.3700, 29.3380, 29.9940

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

29.0110, 10.6350, 11.0110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.3700, 29.3380, 29.9940 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(76, 2, 48)` looks like.

```
.text, #text, p{  
    color:rgb(76, 2, 48)  
}
```

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(76, 2, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 2, 48) }
```

Border

The CSS property to change the border of an element to YIQ 29.3700, 29.3380, 29.9940 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(76, 2, 48) }
```


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

```
.border{ border-color:rgb(76, 2, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 2, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 2, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 2, 48); box-shadow:4px  
4px 4px 4px rgb(76, 2, 48) }
```

Background

The CSS property to change the background color of an element to YIQ 29.3700, 29.3380, 29.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 2, 48) }
```

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

```
.background{ background-color: rgb(76, 2,  
48) }
```

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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