

Converting Colors

YIQ(28.9880, 35.8050, 17.4130)

Have a look what the booklet for
YIQ(28.9880, 35.8050, 17.4130)
contains.

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Color

**YIQ(28.9880, 35.8050,
17.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	4A0813
RGB	74, 8, 19
RGB Percent	29%, 3%, 7%
CMY	0.7096, 0.9687, 0.9254
CMYK	0.00, 0.89, 0.74, 0.71
HSL	350°, 81%, 16%
HSV	350°, 89%, 29%
XYZ	3.0316, 1.6777, 0.7817
YIQ	28.9880, 35.8050, 17.4130

Conversions

Conversions Part 2

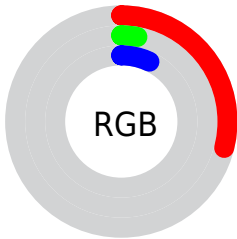
Format	Color
R_{YB}	74, 8, 19
Decimal	4851731
CIE Lab	13.70, 30.57, 12.43
CIE LCh	14, 33.000, 22.133
Yxy	1.6777, 0.5521, 0.3055
Android (android.graphics.Color)	4283041811 (0xFF4A0813)
YUV	28.9880, -4.9241, 39.4755
Hunter-Lab	12.9526, 19.1117, 5.4888

Details

The YIQ color **28.9880, 35.8050, 17.4130** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **53.0120, -35.8050, -17.4130**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **78.9730, 40.1610, 15.5610**, and **2.6910, 5.3640, 1.9080** is the 20% darker color. If you saturate the color by 10%, you get **24.1950, 39.6560, 19.2080**, and if you desaturate by 10%, it is **33.7810, 31.9540, 15.6180**.

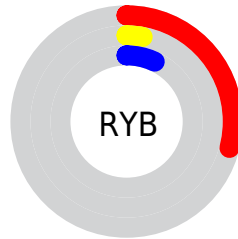
Distribution



Red (29%)

Green (3%)

Blue (7%)



Red (29%)

Yellow (3%)

Blue (7%)

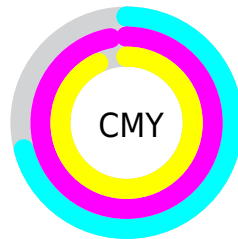


Cyan (0%)

Magenta (89%)

Yellow (74%)

Black (71%)



Cyan (71%)

Magenta (97%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.9880, 35.8050, 17.4130 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 28.9880, 35.8050, 17.4130 by changing the saturation by 10% instead.

■ 28.9880, 35.8050,
17.4130

■ 28.9880, 35.8050,
17.4130

■ 246.5880, 7.1520,
2.5440

■ 14.9500, 29.8000,
10.6000

■ 78.9730, 40.1610,
15.5610

■ 2.6910, 5.3640,
1.9080

■ 104.0550, 42.8660,
16.0980

■ 0.0000, 0.0000,
0.0000

■ 129.8380, 44.9750,
16.4230


■ 156.7350, 46.7630,
17.0590


■ 183.6320, 48.5510,
17.6950


■ 207.3320, 40.5280,


14.4160


 226.8460, 24.1610,
8.1690


 28.9880, 35.8050,
17.4130


 28.9880, 35.8050,
17.4130


 24.1950, 39.6560,
19.2080


 33.7810, 31.9540,
15.6180

 23.4940, 40.2520,
19.4200

 39.1610, 27.8280,
13.3000

 44.0680, 23.6560,
11.8160

 49.4480, 19.5300,
9.4980

 54.2410, 15.6790,
7.7030

■ 59.0340, 11.8280,
5.9080

■ 64.4140, 7.7020,
3.5900

■ 69.2070, 3.8510,
1.7950

■ 74.7010, -0.5960,
-0.2120

Harmonies

Analogous

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



29.8380, 27.7800, 25.1880



28.9880, 35.8050, 17.4130



32.0610, 33.5610, 3.0090

Triad

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



28.9880, 35.8050, 17.4130



25.2410, -11.8250, -22.4890



32.7140, -37.0010, 4.2710

Complementary

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



28.9880, 35.8050, 17.4130



53.0120, -35.8050, -17.4130

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.



33.9220, -34.8910, -0.9310



28.9880, 35.8050, 17.4130



29.6070, -21.3630, -14.8270

Square

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



28.9880, 35.8050, 17.4130



31.5640, 6.5590, -14.2490



32.3430, -29.0670, -7.3630



32.4600, -24.3020, 10.9140

Rectangle

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



28.9880, 35.8050, 17.4130



33.7670, 25.4010, -3.2950



32.3430, -29.0670, -7.3630



33.0730, -36.6340, 3.1260

Sweetspot

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



28.9880, 35.8050, 17.4130



79.2300, 14.2120, 6.7560



31.6700, 10.9980, 31.9740



37.8270, 7.9770, 4.1130



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



28.9880, 35.8050, 17.4130



30.8270, 52.6760, 25.5400



40.0610, 33.5610, 3.0090



35.3100, 2.0630, 1.1590



32.4360, 55.3350, 26.9110



73.1020, 124.8820, 60.5780

Inverse Universe

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



28.9880, 35.8050, 17.4130



30.8270, 52.6760, 25.5400



41.9390, -33.5610, -3.0090



35.3100, 2.0630, 1.1590



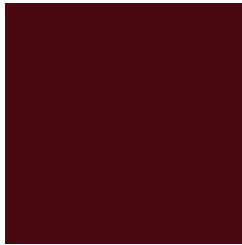
32.4360, 55.3350, 26.9110



73.1020, 124.8820, 60.5780

Previews

White Background



This preview shows how the YIQ color 28.9880, 35.8050, 17.4130 looks on a white background.

Color Contrast Check

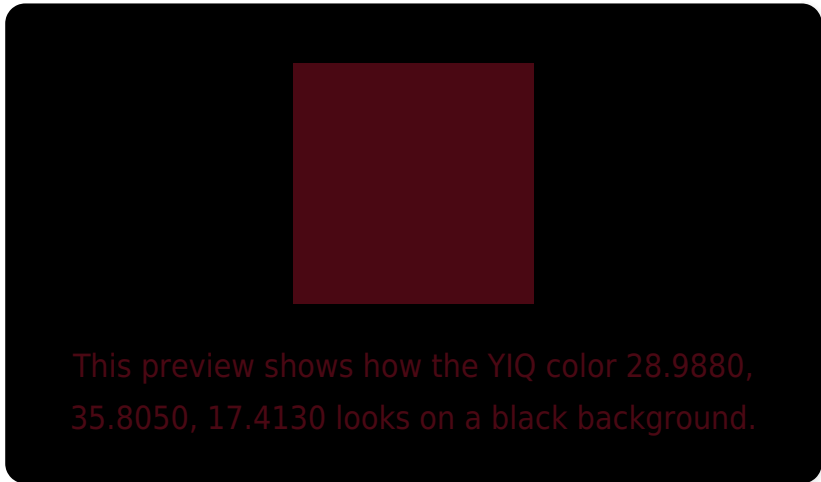
Large Text (above 18pt) WCAG AA ✓ Pass

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

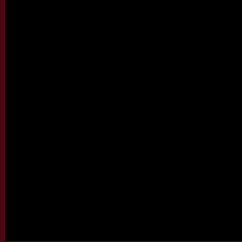
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 28.9880, 35.8050, 17.4130

Background



This preview shows how black text looks on a background with the YIQ color 28.9880, 35.8050, 17.4130.



This preview shows how white text looks on a background with the YIQ color 28.9880, 35.8050,

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

28.9880, 35.8050, 17.4130

Protanopia

37.7570, 4.9980, -2.4740

Deuteranopia

36.8950, 13.2970, -4.1990



Tritanopia

29.0220, 38.4650, 13.2570

Trichromacy



Original Color

28.9880, 35.8050, 17.4130

Protanomaly

34.5460, 16.1380, 4.8900

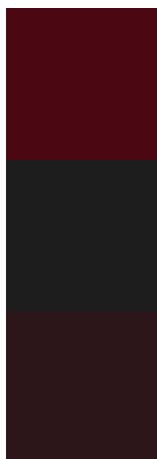
Deuteranomaly

34.1290, 21.6860, 3.4620

Tritanomaly

28.8910, 37.4560, 15.0240

Monochromacy



Original Color

28.9880, 35.8050, 17.4130

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

28.6320, 13.0200, 6.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.9880, 35.8050, 17.4130 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(74, 8, 19)` looks like.

```
.text, #text, p{  
    color:rgb(74, 8, 19)  
}
```

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(74, 8, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 8, 19) }
```

Border

The CSS property to change the border of an element to YIQ 28.9880, 35.8050, 17.4130 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(74, 8, 19) }
```


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

```
.border{ border-color:rgb(74, 8, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 8, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 8, 19); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 8, 19); box-shadow:4px  
4px 4px 4px rgb(74, 8, 19) }
```

Background

The CSS property to change the background color of an element to YIQ 28.9880, 35.8050, 17.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 8, 19) }
```

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

```
.background{ background-color: rgb(74, 8,  
19) }
```

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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