

Converting Colors

YIQ(29.8380, 27.7800, 25.1880)

Have a look what the booklet for
YIQ(29.8380, 27.7800, 25.1880)
contains.

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Color

**YIQ(29.8380, 27.7800,
25.1880)**

Conversions

Conversions Part 1

Format	Color
Hex	48062A
RGB	72, 6, 42
RGB Percent	28%, 2%, 16%
CMY	0.7175, 0.9766, 0.8352
CMYK	0.00, 0.92, 0.42, 0.72
HSL	327°, 85%, 15%
HSV	327°, 92%, 28%
XYZ	3.1590, 1.6764, 2.3495
YIQ	29.8380, 27.7800, 25.1880

Conversions

Conversions Part 2

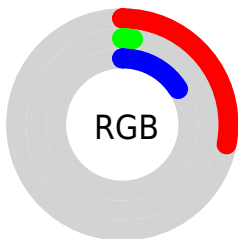
Format	Color
R_{YB}	72, 6, 42
Decimal	4720170
CIE _{Lab}	13.69, 32.79, -4.49
CIE _{LCh}	14, 33.098, 352.197
Yxy	1.6764, 0.4397, 0.2333
Android (android.graphics.Color)	4282910250 (0xFF48062A)
YUV	29.8380, 5.9959, 36.9761
Hunter-Lab	12.9478, 20.8922, -1.6955




Details

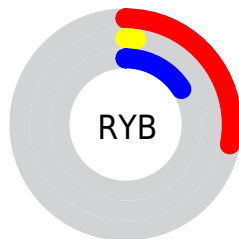
The YIQ color **29.8380, 27.7800, 25.1880** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **48.1620, -27.7800, -25.1880**, and the grayscale version is **30.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **80.4530, 30.3020, 23.5340**, and **4.1860, 8.3440, 2.9680** is the 20% darker color. If you saturate the color by 10%, you get **25.9740, 30.3930, 27.3930**, and if you desaturate by 10%, it is **34.2890, 24.8920, 22.4600**.

Distribution







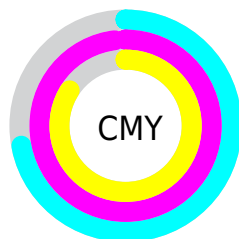
-  Red (28%)
-  Green (2%)
-  Blue (16%)






-  Red (28%)
-  Yellow (2%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (92%)
-  Yellow (42%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (98%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 29.8380, 27.7800, 25.1880 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 29.8380, 27.7800, 25.1880 by changing the saturation by 10% instead.

■ 29.8380, 27.7800,
25.1880

■ 29.8380, 27.7800,
25.1880

■ 247.9560, 3.3000,
6.2760

■ 16.8600, 21.5460,
17.0180

■ 80.4530, 30.3020,
23.5340

■ 4.1860, 8.3440,
2.9680

■ 105.4640, 31.7690,
24.4810

■ 0.0000, 0.0000,
0.0000


■ 131.0620, 32.9610,
24.9050


■ 157.6600, 34.1530,
25.3290


■ 185.2580, 35.3450,
25.7530


■ 210.2790, 30.8520,


24.5800


 230.0210, 13.8430,
18.9550


 29.8380, 27.7800,
25.1880


 29.8380, 27.7800,
25.1880


 25.9740, 30.3930,
27.3930

 34.2890, 24.8920,
22.4600

 38.8540, 21.6830,
20.0430

 43.8920, 18.5200,
16.7920

 48.3430, 15.6320,
14.0640

 52.7940, 12.7440,
11.3360

■ 57.3590, 9.5350,
8.9190

■ 61.8100, 6.6470,
6.1910

■ 66.8480, 3.4840,
2.9400

■ 71.2990, 0.5960,
0.2120

Harmonies

Analogous

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



35.1930, 7.6070, 21.8390



29.8380, 27.7800, 25.1880



28.9880, 35.8050, 17.4130

Triad

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



29.8380, 27.7800, 25.1880



31.5640, 6.5590, -14.2490



33.9220, -34.8910, -0.9310

Complementary

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



29.8380, 27.7800, 25.1880



48.1620, -27.7800, -25.1880

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.



32.3430, -29.0670, -7.3630



29.8380, 27.7800, 25.1880



25.2410, -11.8250, -22.4890

Square

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



29.8380, 27.7800, 25.1880



33.7340, 21.0000, -6.1360



29.6070, -21.3630, -14.8270



32.7140, -37.0010, 4.2710

Rectangle

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



29.8380, 27.7800, 25.1880



30.3220, 37.3200, 6.4720



29.6070, -21.3630, -14.8270



33.3520, -33.2860, -2.4860

Sweetspot

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



29.8380, 27.7800, 25.1880



77.3700, 11.0020, 9.8660



22.4940, -3.3060, 26.8860



37.8100, 6.6470, 6.1910



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.



29.8380, 27.7800, 25.1880



33.9200, 39.6530, 35.7890



26.0760, 38.3730, 14.9250



33.4240, 1.7420, 1.4700



35.7570, 41.6700, 37.7820



82.0090, 95.4880, 86.6880

Inverse Universe

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



29.8380, 27.7800, 25.1880



33.9200, 39.6530, 35.7890



51.9240, -38.3730, -14.9250



33.4240, 1.7420, 1.4700



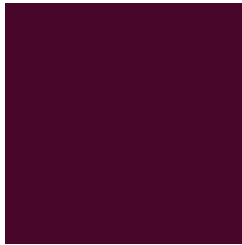
35.7570, 41.6700, 37.7820



82.0090, 95.4880, 86.6880

Previews

White Background



This preview shows how the YIQ color 29.8380, 27.7800, 25.1880 looks on a white background.

Color Contrast Check

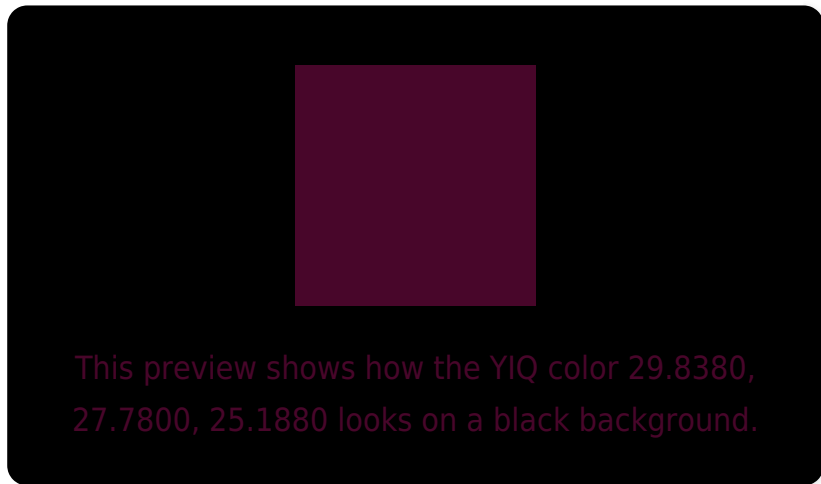
Large Text (above 18pt) WCAG AA ✓ Pass

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

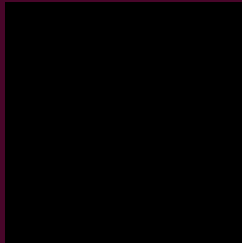
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 29.8380, 27.7800, 25.1880

Background



This preview shows how black text looks on a background with the YIQ color 29.8380, 27.7800, 25.1880.



This preview shows how white text looks on a background with the YIQ color 29.8380, 27.7800,

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

29.8380, 27.7800, 25.1880

Protanopia

37.5290, -11.5550, 5.6690

Deuteranopia

38.4240, 1.7420, 1.4700



Tritanopia

33.2600, 31.8630, 11.7590

Trichromacy



Original Color

29.8380, 27.7800, 25.1880

Protanomaly

34.7590, 2.6570, 12.4250

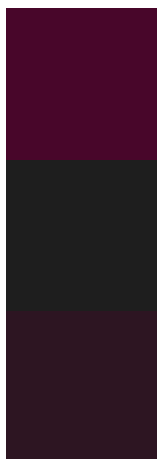
Deuteranomaly

35.3700, 11.0020, 9.8660

Tritanomaly

31.9380, 30.0740, 16.6500

Monochromacy



Original Color

29.8380, 27.7800, 25.1880

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

29.6580, 10.1310, 9.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.8380, 27.7800, 25.1880 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(72, 6, 42)` looks like.

```
.text, #text, p{  
    color:rgb(72, 6, 42)  
}
```

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(72, 6, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 6, 42) }
```

Border

The CSS property to change the border of an element to YIQ 29.8380, 27.7800, 25.1880 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(72, 6, 42) }
```


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

```
.border{ border-color:rgb(72, 6, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 6, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 6, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(72, 6, 42); box-shadow:4px  
4px 4px 4px rgb(72, 6, 42) }
```

Background

The CSS property to change the background color of an element to YIQ 29.8380, 27.7800, 25.1880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 6, 42) }
```

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

```
.background{ background-color: rgb(72, 6,  
42) }
```

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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