

Converting Colors

YIQ(37.8070, 38.2330, 28.4810)

Have a look what the booklet for
YIQ(37.8070, 38.2330, 28.4810)
contains.

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Color

**YIQ(37.8070, 38.2330,
28.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	5C092C
RGB	92, 9, 44
RGB Percent	36%, 4%, 17%
CMY	0.6390, 0.9648, 0.8273
CMYK	0.00, 0.90, 0.52, 0.64
HSL	335°, 82%, 20%
HSV	335°, 90%, 36%
XYZ	4.9718, 2.6549, 2.6364
YIQ	37.8070, 38.2330, 28.4810

Conversions

Conversions Part 2

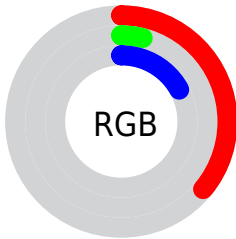
Format	Color
R_{YB}	92, 9, 44
Decimal	6031660
CIE _{Lab}	18.61, 37.83, 1.80
CIE _{LCh}	19, 37.877, 2.729
Yxy	2.6549, 0.4844, 0.2587
Android (android.graphics.Color)	4284221740 (0xFF5C092C)
YUV	37.8070, 3.0531, 47.5273
Hunter-Lab	16.2939, 25.9515, 1.8123




Details

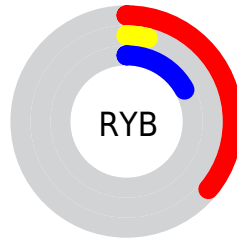
The YIQ color **37.8070, 38.2330, 28.4810** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **63.1930, -38.2330, -28.4810**, and the grayscale version is **38.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **90.7810, 41.1220, 25.6820**, and **13.2700, 25.9030, 9.6390** is the 20% darker color. If you saturate the color by 10%, you get **31.9540, 42.3130, 31.6330**, and if you desaturate by 10%, it is **43.6600, 34.1530, 25.3290**.

Distribution







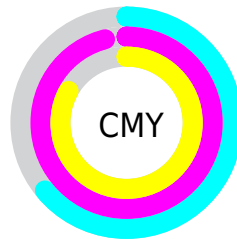
-  Red (36%)
-  Green (4%)
-  Blue (17%)






-  Red (36%)
-  Yellow (4%)
-  Blue (17%)



-  Cyan (0%)
-  Magenta (90%)
-  Yellow (52%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (96%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 37.8070, 38.2330, 28.4810 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 37.8070, 38.2330, 28.4810 by changing the saturation by 10% instead.

■ 37.8070, 38.2330,
28.4810

■ 37.8070, 38.2330,
28.4810

■ 253.8260, 0.5500,
1.0460

■ 22.4700, 31.6320,
21.4560

■ 90.7810, 41.1220,
25.6820

■ 13.2700, 25.9030,
9.6390

■ 116.6780, 42.9100,
26.3180

■ 0.0000, 0.0000,
0.0000


■ 143.4610, 45.0190,
26.6430


■ 170.3580, 46.8070,
27.2790


■ 196.8630, 43.8270,
26.2190


■ 215.7900, 27.7350,


20.4950


 236.1190, 10.4510,
14.3470


 37.8070, 38.2330,
28.4810


 37.8070, 38.2330,
28.4810


 31.9540, 42.3130,
31.6330

 43.6600, 34.1530,
25.3290

 49.6270, 29.7520,
22.4880

 56.0670, 25.3970,
18.8130

 61.9200, 21.3170,
15.6610

 67.8870, 16.9160,
12.8200

■ 73.7400, 12.8360,
9.6680

■ 79.5930, 8.7560,
6.5160

■ 86.1470, 4.0800,
3.1520

■ 92.0000, 0.0000,
-0.0000

Harmonies

Analogous

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



44.0420, 18.5180, 27.8460



37.8070, 38.2330, 28.4810



40.0010, 42.9580, 14.4300

Triad

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



37.8070, 38.2330, 28.4810



38.8960, 2.3880, -21.2600



42.4140, -45.0240, 0.9920

Complementary

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



37.8070, 38.2330, 28.4810



63.1930, -38.2330, -28.4810

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.



41.8950, -39.4290, -6.7970



37.8070, 38.2330, 28.4810



34.9240, -21.1780, -23.6900

Square

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



37.8070, 38.2330, 28.4810



42.8600, 20.4050, -11.8750



38.8170, -30.7620, -15.1940



39.6900, -45.6210, 6.3070

Rectangle

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



37.8070, 38.2330, 28.4810



41.5410, 40.8970, 2.2170



38.8170, -30.7620, -15.1940



43.0180, -43.9690, -1.6090

Sweetspot

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



37.8070, 38.2330, 28.4810



98.4630, 15.1740, 11.3500



32.5150, 1.3690, 35.7770



48.5930, 8.7560, 6.5160



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



37.8070, 38.2330, 28.4810



41.6940, 55.1490, 41.3010



37.3390, 47.8180, 14.4580



42.7230, 2.3380, 1.6820



38.1340, 50.7940, 37.6260



82.2630, 109.1520, 81.3440

Inverse Universe

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



37.8070, 38.2330, 28.4810



41.6940, 55.1490, 41.3010



64.2480, -48.0930, -14.9810



42.7230, 2.3380, 1.6820



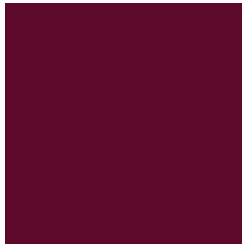
38.1340, 50.7940, 37.6260



82.2630, 109.1520, 81.3440

Previews

White Background



This preview shows how the YIQ color 37.8070, 38.2330, 28.4810 looks on a white background.

Color Contrast Check

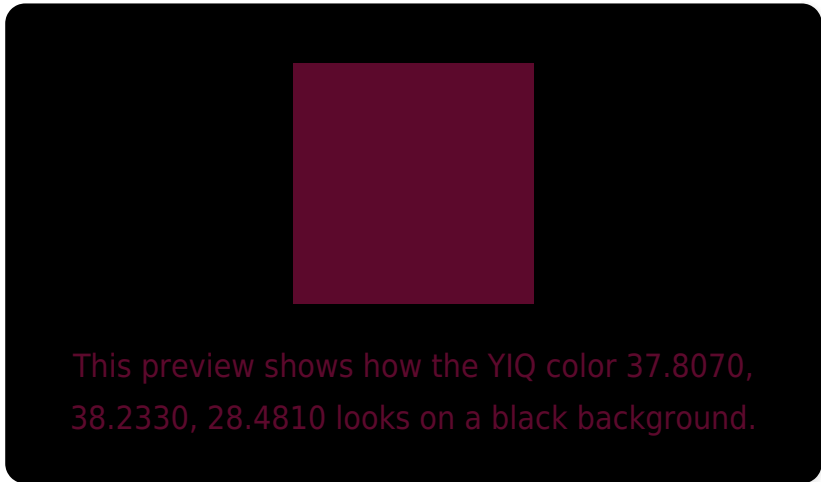
Large Text (above 18pt) WCAG AA ✓ Pass

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

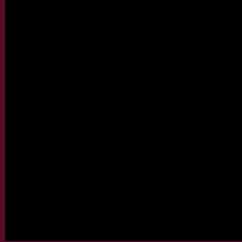
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 37.8070, 38.2330, 28.4810

Background



This preview shows how black text looks on a background with the YIQ color 37.8070, 38.2330, 28.4810.



This preview shows how white text looks on a background with the YIQ color 37.8070, 38.2330,

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

37.8070, 38.2330, 28.4810

Protanopia

48.5140, -7.1990, 3.8170

Deuteranopia

48.3060, 7.8860, 0.2540



Tritanopia

40.5280, 42.9120, 15.2640

Trichromacy



Original Color

37.8070, 38.2330, 28.4810

Protanomaly

44.5810, 9.0300, 12.5660

Deuteranomaly

44.6760, 18.8880, 10.1200

Tritanomaly

39.2060, 41.1230, 20.1550

Monochromacy



Original Color

37.8070, 38.2330, 28.4810

Achromatopsia

38.0000, -0.0000, -0.0000

Achromatomaly

37.7510, 14.3030, 10.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.8070, 38.2330, 28.4810 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(92, 9, 44)` looks like.

```
.text, #text, p{  
    color:rgb(92, 9, 44)  
}
```

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(92, 9, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 9, 44) }
```

Border

The CSS property to change the border of an element to YIQ 37.8070, 38.2330, 28.4810 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(92, 9, 44) }
```


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

```
.border{ border-color:rgb(92, 9, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 9, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 9, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(92, 9, 44); box-shadow:4px  
4px 4px 4px rgb(92, 9, 44) }
```

Background

The CSS property to change the background color of an element to YIQ 37.8070, 38.2330, 28.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 9, 44) }
```

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

```
.background{ background-color: rgb(92, 9,  
44) }
```

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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