

Converting Colors

YIQ(38.8280, 42.9080, 37.3720)

Have a look what the booklet for
YIQ(38.8280, 42.9080, 37.3720)
contains.

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Color

**YIQ(38.8280, 42.9080,
37.3720)**

Conversions

Conversions Part 1

Format	Color
Hex	670337
RGB	103, 3, 55
RGB Percent	40%, 1%, 22%
CMY	0.5958, 0.9884, 0.7842
CMYK	0.00, 0.97, 0.47, 0.60
HSL	329°, 94%, 21%
HSV	329°, 97%, 40%
XYZ	6.3239, 3.2280, 3.9084
YIQ	38.8280, 42.9080, 37.3720

Conversions

Conversions Part 2

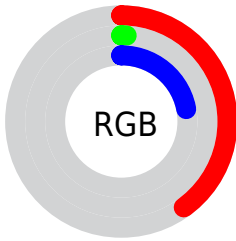
Format	Color
R_{YB}	103, 3, 55
Decimal	6751031
CIE Lab	20.93, 43.40, -2.29
CIE LCh	21, 43.465, 356.975
Yxy	3.2280, 0.4698, 0.2398
Android (android.graphics.Color)	4284941111 (0xFF670337)
YUV	38.8280, 7.9728, 56.2788
Hunter-Lab	17.9667, 31.3869, -0.3209

Details

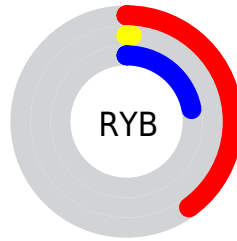
The YIQ color **38.8280, 42.9080, 37.3720** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **67.1720, -42.9080, -37.3720**, and the grayscale version is **39.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **95.8510, 44.1010, 32.2690**, and **17.1010, 28.0570, 14.6570** is the 20% darker color. If you saturate the color by 10%, you get **36.9530, 44.0540, 38.6300**, and if you desaturate by 10%, it is **45.2680, 38.5530, 33.6970**.

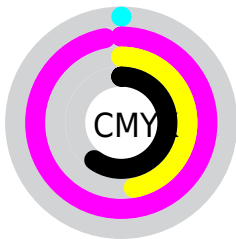
Distribution



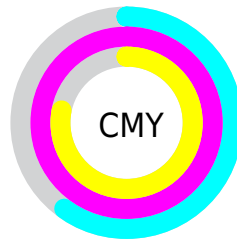
- Red (40%)
- Green (1%)
- Blue (22%)



- Red (40%)
- Yellow (1%)
- Blue (22%)



- Cyan (0%)
- Magenta (97%)
- Yellow (47%)
- Black (60%)



- Cyan (60%)
- Magenta (99%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 38.8280, 42.9080, 37.3720 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 38.8280, 42.9080, 37.3720 by changing the saturation by 10% instead.

■ 38.8280, 42.9080,
37.3720

■ 38.8280, 42.9080,
37.3720

■ 255.0000, -0.0000,
-0.0000

■ 26.6000, 34.3820,
26.6860

■ 95.8510, 44.1010,
32.2690

■ 17.1010, 28.0570,
14.6570

■ 122.6340, 46.2100,
32.5940

■ 3.2890, 6.5560,
2.3320

■ 149.5310, 47.9980,
33.2300

■ 0.0000, 0.0000,
0.0000


■ 177.0150, 49.5110,
33.3430


■ 199.0460, 39.0580,
30.0500


■ 218.6740, 22.3700,


24.1140


 237.9770, 7.9750,
15.1670


 38.8280, 42.9080,
37.3720


 38.8280, 42.9080,
37.3720


 36.9530, 44.0540,
38.6300

 45.2680, 38.5530,
33.6970

 52.2950, 33.9230,
29.4990

 58.7350, 29.5680,
25.8240

 65.1750, 25.2130,
22.1490

 72.2020, 20.5830,
17.9510

■ 78.6420, 16.2280,
14.2760

■ 85.0820, 11.8730,
10.6010

■ 91.5220, 7.5180,
6.9260

■ 98.5490, 2.8880,
2.7280

Harmonies

Analogous

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



49.0080, 15.8580, 32.0020



38.8280, 42.9080, 37.3720



41.1640, 50.1090, 22.5010

Triad

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



38.8280, 42.9080, 37.3720



44.2230, 5.7810, -22.1790



48.2500, -50.4340, -0.0820

Complementary

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



38.8280, 42.9080, 37.3720



67.1720, -42.9080, -37.3720

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.



46.5740, -42.9590, -8.9030



38.8280, 42.9080, 37.3720



37.0610, -20.3060, -28.4820

Square

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



38.8280, 42.9080, 37.3720



47.9100, 26.1360, -11.1120



42.2250, -32.0910, -18.6430



45.9820, -52.3150, 6.4770

Rectangle

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



38.8280, 42.9080, 37.3720



44.2540, 49.1950, 6.0190



42.2250, -32.0910, -18.6430



48.0390, -48.4620, -2.7820

Sweetspot

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



38.8280, 42.9080, 37.3720



109.9410, 16.8240, 14.4880



28.4530, -4.0880, 41.0640



53.5440, 10.4520, 8.8200



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



38.8280, 42.9080, 37.3720



48.3450, 57.9900, 50.3900



33.2420, 58.6370, 22.1330



47.8370, 2.0170, 1.9930



41.2250, 49.2800, 43.0400



86.7220, 103.7860, 90.4900

Inverse Universe

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



38.8280, 42.9080, 37.3720



48.3450, 57.9900, 50.3900



72.7580, -58.6370, -22.1330



47.8370, 2.0170, 1.9930



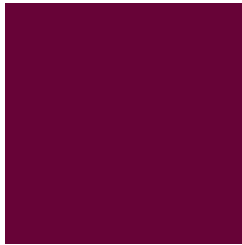
41.2250, 49.2800, 43.0400



86.7220, 103.7860, 90.4900

Previews

White Background



This preview shows how the YIQ color 38.8280, 42.9080, 37.3720 looks on a white background.

Color Contrast Check

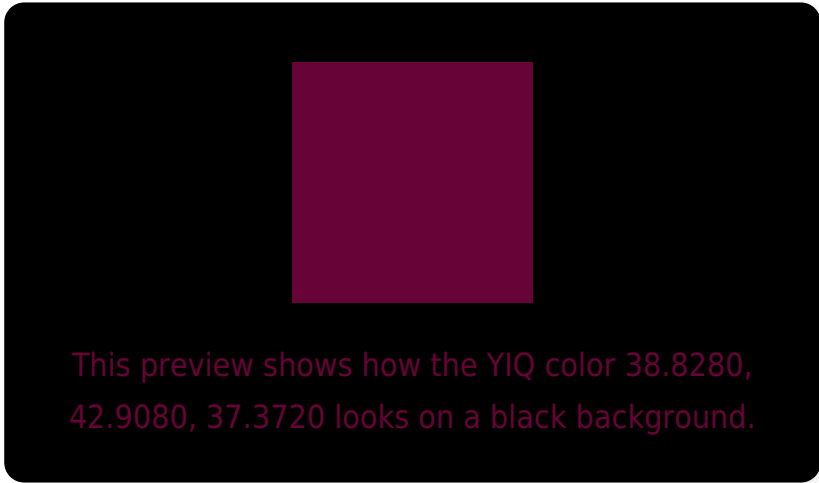
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.8280, 42.9080, 37.3720

Background



This preview shows how black text looks on a background with the YIQ color 38.8280, 42.9080, 37.3720.



This preview shows how white text looks on a background with the YIQ color 38.8280, 42.9080,

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

38.8280, 42.9080, 37.3720

Protanopia

53.5720, -13.1140, 6.3900

Deuteranopia

54.2780, 5.0890, 1.3850



Tritanopia

45.6210, 47.0840, 16.7480

Trichromacy



Original Color

38.8280, 42.9080, 37.3720

Protanomaly

48.2590, 7.2410, 17.4570

Deuteranomaly

48.6100, 19.2540, 14.5020

Tritanomaly

43.1790, 45.7530, 24.3530

Monochromacy



Original Color

38.8280, 42.9080, 37.3720

Achromatopsia

39.0000, -0.0000, -0.0000

Achromatomaly

38.9300, 15.3570, 13.5410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 38.8280, 42.9080, 37.3720 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(103, 3, 55)` looks like.

```
.text, #text, p{  
    color:rgb(103, 3, 55)  
}
```

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(103, 3, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 3, 55) }
```

Border

The CSS property to change the border of an element to YIQ 38.8280, 42.9080, 37.3720 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(103, 3, 55) }
```


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

```
.border{ border-color:rgb(103, 3, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 3, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 3, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 3, 55);  
box-shadow:4px 4px 4px 4px rgb(103, 3, 55)  
}
```

Background

The CSS property to change the background color of an element to YIQ 38.8280, 42.9080, 37.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 3, 55) }
```

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

```
.background{ background-color: rgb(103, 3,  
55) }
```

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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