

Converting Colors

YIQ(37.4040, 58.3610, 27.1370)

Have a look what the booklet for
YIQ(37.4040, 58.3610, 27.1370)
contains.

YIQ(37.4040, 58.3610, 27.1370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(37.4040, 58.3610,
27.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	6E0413
RGB	110, 4, 19
RGB Percent	43%, 2%, 7%
CMY	0.5684, 0.9844, 0.9253
CMYK	0.00, 0.96, 0.83, 0.57
HSL	351°, 93%, 22%
HSV	351°, 96%, 43%
XYZ	6.5997, 3.4524, 0.9371
YIQ	37.4040, 58.3610, 27.1370

Conversions

Conversions Part 2

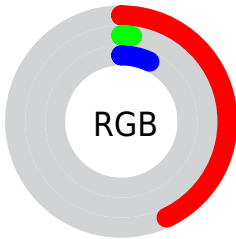
Format	Color
RYB	110, 4, 19
Decimal	7210003
CIELab	21.77, 42.70, 24.13
CIELCh	22, 49.049, 29.473
Yxy	3.4524, 0.6006, 0.3142
Android (android.graphics.Color)	4285400083 (0xFF6E0413)
YUV	37.4040, -9.0732, 63.6667
Hunter-Lab	18.5805, 30.8861, 10.0160

Details

The YIQ color **37.4040, 58.3610, 27.1370** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **76.5960, -58.3610, -27.1370**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **94.7540, 62.9470, 21.1150**, and **16.5590, 32.4590, 11.9710** is the 20% darker color. If you saturate the color by 10%, you get **34.7140, 60.4240, 28.2960**, and if you desaturate by 10%, it is **44.8870, 52.4470, 24.1830**.

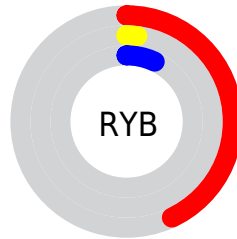
Distribution



Red (43%)

Green (2%)

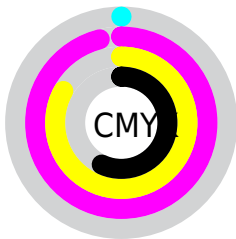
Blue (7%)



Red (43%)

Yellow (2%)

Blue (7%)

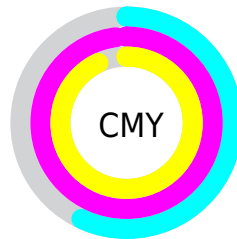


Cyan (0%)

Magenta (96%)

Yellow (83%)

Black (57%)



Cyan (57%)


Magenta (98%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 37.4040, 58.3610, 27.1370 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 37.4040, 58.3610, 27.1370 by changing the saturation by 10% instead.


 37.4040, 58.3610,
27.1370


 37.4040, 58.3610,
27.1370


 253.7460, 3.5310,
-3.4210


 24.5180, 48.8720,
17.3840

 94.7540, 62.9470,
21.1150


 16.5590, 32.4590,
11.9710


 121.7220, 65.9730,
21.3410

 5.0830, 10.1320,
3.6040

 148.6900, 68.9990,
21.5670

 0.0000, 0.0000,
0.0000


 175.4620, 69.6410,
20.9450


 194.2750, 53.8700,
14.9100


 213.7890, 37.5030,


8.6630


 234.0040, 20.5400,
2.2040


 37.4040, 58.3610,
27.1370


 37.4040, 58.3610,
27.1370


 34.7140, 60.4240,
28.2960

 44.8870, 52.4470,
24.1830

 52.4840, 46.2120,
21.5400

 59.9670, 40.2980,
18.5860

 67.5640, 34.0630,
15.9430

 75.0470, 28.1490,
12.9890

■ 82.6440, 21.9140,
10.3460

■ 90.1270, 16.0000,
7.3920

■ 97.7240, 9.7650,
4.7490

■ 105.2070, 3.8510,
1.7950

Harmonies

Analogous

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



39.7580, 49.0970, 40.8490



37.4040, 58.3610, 27.1370



47.7650, 46.0780, 1.9340

Triad

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



37.4040, 58.3610, 27.1370



39.2950, -21.0850, -30.8850



48.4100, -56.3960, 8.8520

Complementary

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



37.4040, 58.3610, 27.1370



76.5960, -58.3610, -27.1370

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.



51.2650, -54.7900, 1.7700



37.4040, 58.3610, 27.1370



45.0290, -34.4750, -19.4910

Square

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



37.4040, 58.3610, 27.1370



44.1900, 1.3800, -25.0200



49.2470, -46.3520, -7.9840



51.0230, -24.0290, 22.4910

Rectangle

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



37.4040, 58.3610, 27.1370



49.7260, 32.6460, -7.9460



49.2470, -46.3520, -7.9840



50.0570, -56.9000, 6.9720

Sweetspot

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



37.4040, 58.3610, 27.1370



114.2420, 23.1060, 10.7700



42.9940, 19.6140, 52.0460



53.9310, 13.6160, 6.5440



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



37.4040, 58.3610, 27.1370



45.0370, 78.8080, 36.5360



57.4130, 53.0010, 3.1210



51.9080, 3.2550, 1.5830



37.8180, 66.0630, 30.7270



77.8430, 135.9770, 63.2490

Inverse Universe

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



37.4040, 58.3610, 27.1370



45.0370, 78.8080, 36.5360



56.5870, -53.0010, -3.1210



51.9080, 3.2550, 1.5830



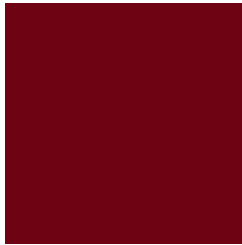
37.8180, 66.0630, 30.7270



77.8430, 135.9770, 63.2490

Previews

White Background



This preview shows how the YIQ color 37.4040, 58.3610, 27.1370 looks on a white background.

Color Contrast Check

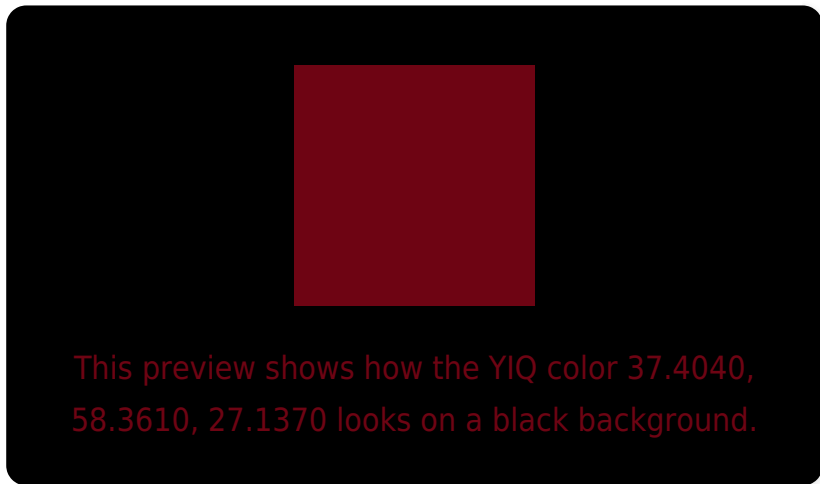
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.4040, 58.3610, 27.1370

Background



This preview shows how black text looks on a background with the YIQ color 37.4040, 58.3610, 27.1370.



This preview shows how white text looks on a background with the YIQ color 37.4040, 58.3610,

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

37.4040, 58.3610, 27.1370

Protanopia

54.5310, 11.3260, -7.0260

Deuteranopia

52.9530, 24.5770, -10.3910



Tritanopia

38.7600, 62.8100, 18.0900

Trichromacy



Original Color

37.4040, 58.3610, 27.1370

Protanomaly

48.3040, 28.5630, 5.4830

Deuteranomaly

47.3280, 37.1830, 3.4470

Tritanomaly

38.3840, 61.1130, 21.3130

Monochromacy



Original Color

37.4040, 58.3610, 27.1370

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.2310, 21.6390, 9.8230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.4040, 58.3610, 27.1370 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(110, 4, 19)` looks like.

```
.text, #text, p{  
    color:rgb(110, 4, 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(110, 4, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 4, 19) }
```

Border

The CSS property to change the border of an element to YIQ 37.4040, 58.3610, 27.1370 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(110, 4, 19) }
```


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

```
.border{ border-color:rgb(110, 4, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 4, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 4, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 4, 19);  
box-shadow:4px 4px 4px 4px rgb(110, 4, 19)  
}
```

Background

The CSS property to change the background color of an element to YIQ 37.4040, 58.3610, 27.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 4, 19) }
```

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

```
.background{ background-color: rgb(110, 4,  
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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