

Converting Colors

YIQ(57.2870, 73.0730, 57.8810)

Have a look what the booklet for
YIQ(57.2870, 73.0730, 57.8810)
contains.

YIQ(57.2870, 73.0730, 57.8810)	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(57.2870, 73.0730,
57.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	A3004B
RGB	163, 0, 75
RGB Percent	64%, 0%, 29%
CMY	0.3604, 0.9999, 0.7056
CMYK	0.00, 1.00, 0.54, 0.36
HSL	332°, 100%, 32%
HSV	332°, 100%, 64%
XYZ	16.3990, 8.3070, 7.4063
YIQ	57.2870, 73.0730, 57.8810

Conversions

Conversions Part 2

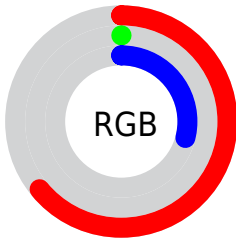
Format	Color
RYB	163, 0, 75
Decimal	10682443
CIELab	34.61, 60.19, 5.62
CIELCh	35, 60.450, 5.339
Yxy	8.3070, 0.5107, 0.2587
Android (android.graphics.Color)	4288872523 (0xFFA3004B)
YUV	57.2870, 8.7325, 92.7103
Hunter-Lab	28.8219, 51.1238, 4.9397

Details

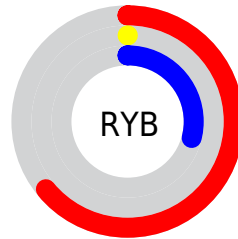
The YIQ color **57.2870, 73.0730, 57.8810** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **105.7130, -73.0730, -57.8810**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.8980, 72.2500, 45.2580**, and **34.7440, 51.7120, 32.0000** is the 20% darker color. If you saturate the color by 10%, you get **57.2870, 73.0730, 57.8810**, and if you desaturate by 10%, it is **67.7050, 65.7840, 52.3120**.

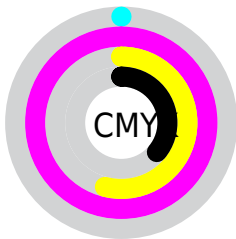
Distribution



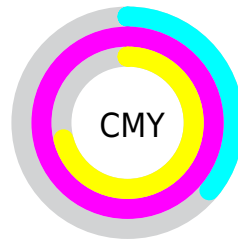
- Red (64%)
- Green (0%)
- Blue (29%)



- Red (64%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (36%)





- Cyan (36%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 57.2870, 73.0730, 57.8810 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 57.2870, 73.0730, 57.8810 by changing the saturation by 10% instead.


 57.2870, 73.0730,
57.8810


 57.2870, 73.0730,
57.8810


255.0000, -0.0000,
-0.0000


 46.1080, 62.8510,
44.8910


 125.8980, 72.2500,
45.2580


 34.7440, 51.7120,
32.0000

 155.1540, 74.4050,
44.7490


 23.5220, 43.0490,
18.2890

 174.9670, 58.6340,
38.7140

 14.5800, 27.9660,
10.7980

 194.4810, 42.2670,
32.4670

 0.0000, 0.0000,
0.0000

 214.6960, 25.3040,
26.0080

 234.4550, 9.6250,

18.3050

252.0650, 1.3750,
2.6150

57.2870, 73.0730,
57.8810

67.7050, 65.7840,
52.3120

78.7100, 58.2200,
46.2200

89.0140, 51.2520,
40.3400

99.4320, 43.9630,
34.7710

110.4370, 36.3990,
28.6790

■ 120.8550, 29.1100,
23.1100

■ 131.2730, 21.8210,
17.5410

■ 142.2780, 14.2570,
11.4490

■ 152.5820, 7.2890,
5.5690

Harmonies

Analogous

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



75.2750, 37.8160, 52.5680



57.2870, 73.0730, 57.8810



69.7940, 74.6380, 23.9980

Triad

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



57.2870, 73.0730, 57.8810



66.8390, -2.6060, -40.8940



76.3190, -81.2450, 2.1390

Complementary

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



57.2870, 73.0730, 57.8810



105.7130, -73.0730, -57.8810

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.



74.7910, -71.4310, -10.5270



57.2870, 73.0730, 57.8810



62.4450, -39.4230, -39.9590

Square

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



57.2870, 73.0730, 57.8810



75.9410, 32.8780, -23.1700



69.4330, -56.3440, -25.1440



70.3010, -80.8340, 11.2140

Rectangle

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



57.2870, 73.0730, 57.8810



73.8570, 69.1860, 1.6500



69.4330, -56.3440, -25.1440



76.4670, -78.9060, -1.7060

Sweetspot

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



57.2870, 73.0730, 57.8810



170.4420, 28.8350, 22.5870



44.5950, -0.4710, 69.1370



82.3000, 17.1910, 13.3430



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



57.2870, 73.0730, 57.8810



74.4460, 95.2150, 75.1110



51.6720, 95.7730, 31.9410



76.1470, 4.0800, 3.1520



50.9930, 64.9130, 51.5770



6.2940, 8.1600, 6.3040

Inverse Universe

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



57.2870, 73.0730, 57.8810



74.4460, 95.2150, 75.1110



111.3280, -95.7730, -31.9410



76.1470, 4.0800, 3.1520



50.9930, 64.9130, 51.5770



6.2940, 8.1600, 6.3040

Previews

White Background



This preview shows how the YIQ color 57.2870, 73.0730, 57.8810 looks on a white background.

Color Contrast Check

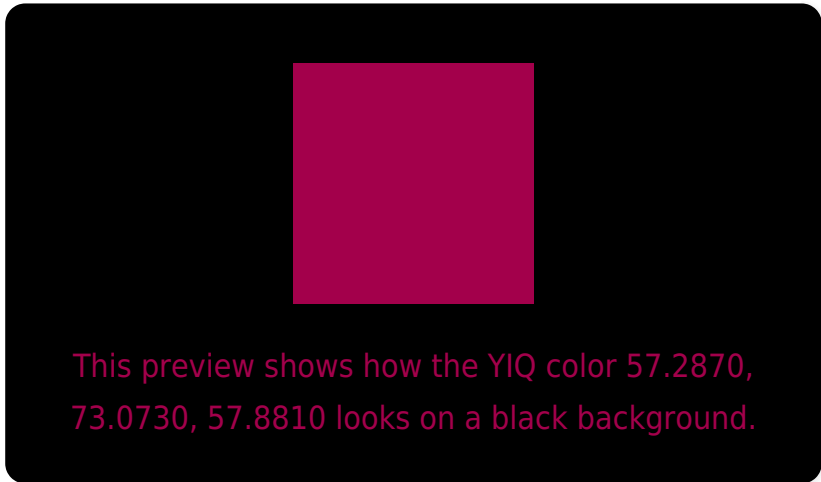
Large Text (above 18pt) WCAG AA ✓ Pass

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

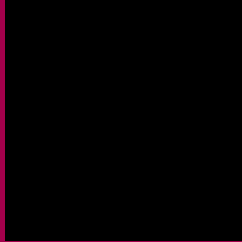
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.2870, 73.0730, 57.8810

Background



This preview shows how black text looks on a background with the YIQ color 57.2870, 73.0730, 57.8810.



This preview shows how white text looks on a background with the YIQ color 57.2870, 73.0730,

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

57.2870, 73.0730, 57.8810

Protanopia

85.0560, -11.6010, 6.5030

Deuteranopia

84.6010, 14.3050, -0.4390



Tritanopia

69.0550, 78.3970, 27.4610

Trichromacy



Original Color

57.2870, 73.0730, 57.8810

Protanomaly

74.7600, 19.2520, 25.5560

Deuteranomaly

75.0960, 35.6210, 20.7490

Tritanomaly

64.8350, 76.5610, 38.7130

Monochromacy



Original Color

57.2870, 73.0730, 57.8810

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1320, 26.7720, 21.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.2870, 73.0730, 57.8810 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(163, 0, 75)` looks like.

```
.text, #text, p{  
    color:rgb(163, 0, 75)  
}
```

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(163, 0, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 0, 75) }
```

Border

The CSS property to change the border of an element to YIQ 57.2870, 73.0730, 57.8810 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(163, 0, 75) }
```


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

```
.border{ border-color:rgb(163, 0, 75) }
```

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

Here you see how a box with a 4 pixel rgb(163, 0, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 0, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 0, 75);  
box-shadow:4px 4px 4px 4px rgb(163, 0, 75)  
}
```

Background

The CSS property to change the background color of an element to YIQ 57.2870, 73.0730, 57.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 0, 75) }
```

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

```
.background{ background-color: rgb(163, 0,  
75) }
```

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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