

Converting Colors

YIQ(71.9870, 83.3860, 74.7300)

Have a look what the booklet for
YIQ(71.9870, 83.3860, 74.7300)
contains.

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Color

**YIQ(71.9870, 83.3860,
74.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	C6016B
RGB	198, 1, 107
RGB Percent	78%, 0%, 42%
CMY	0.2230, 0.9963, 0.5801
CMYK	0.00, 1.00, 0.46, 0.22
HSL	328°, 99%, 39%
HSV	328°, 100%, 78%
XYZ	25.9918, 13.1071, 15.0874
YIQ	71.9870, 83.3860, 74.7300

Conversions

Conversions Part 2

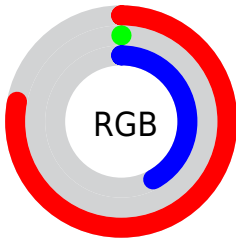
Format	Color
RYB	198, 1, 107
Decimal	12976491
CIELab	42.92, 70.56, -1.90
CIElCh	43, 70.583, 358.457
Yxy	13.1071, 0.4797, 0.2419
Android (android.graphics.Color)	4291166571 (0xFFC6016B)
YUV	71.9870, 17.2614, 110.5134
Hunter-Lab	36.2037, 64.7943, 0.6343

Details

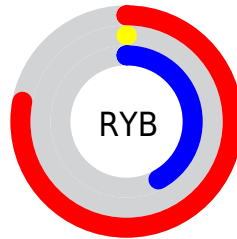
The YIQ color **71.9870, 83.3860, 74.7300** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **127.0130, -83.3860, -74.7300**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3260, 77.3370, 57.6970**, and **48.1020, 62.9880, 47.9160** is the 20% darker color. If you saturate the color by 10%, you get **71.4000, 83.6610, 75.2530**, and if you desaturate by 10%, it is **84.7530, 74.9970, 67.0690**.

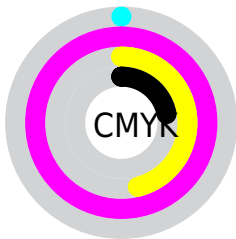
Distribution



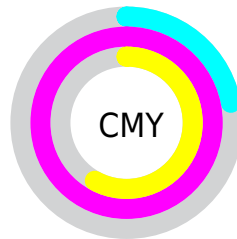
- Red (78%)
- Green (0%)
- Blue (42%)



- Red (78%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (46%)
- Black (22%)




- Cyan (22%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 71.9870, 83.3860, 74.7300 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 71.9870, 83.3860, 74.7300 by changing the saturation by 10% instead.


 71.9870, 83.3860,
74.7300


 71.9870, 83.3860,
74.7300


255.0000, -0.0000,
-0.0000


 59.6940, 73.4850,
61.4290


 145.3260, 77.3370,
57.6970


 48.1020, 62.9880,
47.9160


 166.0140, 60.4200,
50.4040


 36.7380, 51.8490,
35.0250

 186.2290, 43.4570,
43.9450

 25.9720, 41.9020,
22.5580

 206.4440, 26.4940,
37.4860

 15.1780, 29.1580,
11.2220

 225.6500, 13.7500,
26.1500

 0.0000, 0.0000,
0.0000

 243.2600, 5.5000,

10.4600

■ 71.9870, 83.3860,
74.7300

■ 71.9870, 83.3860,
74.7300

■ 71.4000, 83.6610,
75.2530

■ 84.7530, 74.9970,
67.0690

■ 97.5190, 66.6080,
59.4080

■ 109.8120, 58.1730,
52.5810

■ 122.5780, 49.7840,
44.9200

■ 135.3440, 41.3950,
37.2590

■ 148.1100, 33.0060,
29.5980

■ 160.8760, 24.6170,
21.9370

■ 173.0550, 16.5030,
14.7990

■ 185.8210, 8.1140,
7.1380

Harmonies

Analogous

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



97.6800, 32.5420, 60.0460



71.9870, 83.3860, 74.7300



83.6750, 91.6910, 39.8430

Triad

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



71.9870, 83.3860, 74.7300



87.2500, 9.1780, -45.2060



94.5280, -98.0710, -1.2950

Complementary

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



71.9870, 83.3860, 74.7300



127.0130, -83.3860, -74.7300

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.



91.7460, -84.7260, -17.3820



71.9870, 83.3860, 74.7300



75.3760, -44.1430, -53.5430

Square

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



71.9870, 83.3860, 74.7300



95.2000, 48.1460, -24.5420



84.4330, -65.5120, -35.2080



89.6500, -100.8700, 10.8900

Rectangle

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



71.9870, 83.3860, 74.7300



90.4960, 89.4960, 8.0240



84.4330, -65.5120, -35.2080



94.3340, -94.7690, -6.0730

Sweetspot

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



71.9870, 83.3860, 74.7300



206.3980, 32.1350, 28.8630



50.0690, -10.1930, 80.1350



98.4900, 19.7120, 17.2160



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



71.9870, 83.3860, 74.7300



91.8630, 108.0030, 96.6670



61.0430, 114.2020, 44.8740



93.2610, 3.7590, 3.4630



58.7690, 68.9000, 61.9240



12.9300, 15.3570, 13.5410

Inverse Universe

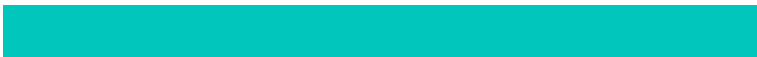
The Inverse Universe completely reimagines the original color for something new.



71.9870, 83.3860, 74.7300



91.8630, 108.0030, 96.6670



137.9570, -114.2020, -44.8740



93.2610, 3.7590, 3.4630



58.7690, 68.9000, 61.9240



12.9300, 15.3570, 13.5410

Previews

White Background



This preview shows how the YIQ color 71.9870, 83.3860, 74.7300 looks on a white background.

Color Contrast Check

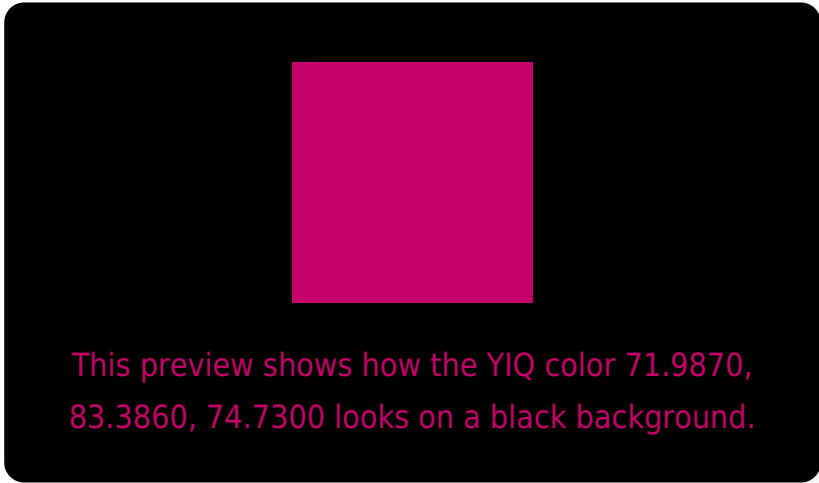
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

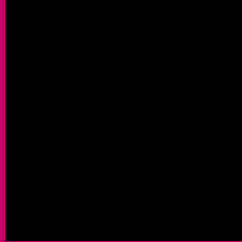
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.9870, 83.3860, 74.7300

Background



This preview shows how black text looks on a background with the YIQ color 71.9870, 83.3860, 74.7300.



This preview shows how white text looks on a background with the YIQ color 71.9870, 83.3860,

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

71.9870, 83.3860, 74.7300

Protanopia

103.1440, -26.2280, 12.7800

Deuteranopia

104.3710, 9.2610, 2.8690



Tritanopia

87.8610, 90.8670, 32.7470

Trichromacy



Original Color

71.9870, 83.3860, 74.7300



Protanomaly

91.7460, 13.8400, 35.5360



Deuteranomaly

92.5510, 36.0780, 28.9900



Tritanomaly

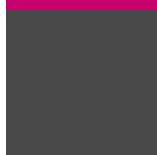
81.9770, 88.2050, 47.9570

Monochromacy



Original Color

71.9870, 83.3860, 74.7300



Achromatopsia

72.0000, -0.0000, 0.0000



Achromatomaly

71.9740, 30.3930, 27.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.9870, 83.3860, 74.7300 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(198, 1, 107)` looks like.

```
.text, #text, p{  
    color:rgb(198, 1, 107)  
}
```

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(198, 1, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 1, 107) }
```

Border

The CSS property to change the border of an element to YIQ 71.9870, 83.3860, 74.7300 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(198, 1, 107) }
```


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

```
.border{ border-color:rgb(198, 1, 107) }
```

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

Here you see how a box with a 4 pixel rgb(198, 1, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 1, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 1, 107);  
box-shadow:4px 4px 4px 4px rgb(198, 1,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 71.9870, 83.3860, 74.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 1, 107) }
```

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

```
.background{ background-color: rgb(198, 1,  
107) }
```

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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