

Converting Colors

YIQ(74.8390, 71.8790, 68.5110)

Have a look what the booklet for
YIQ(74.8390, 71.8790, 68.5110)
contains.

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Color

**YIQ(74.8390, 71.8790,
68.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	BA0B70
RGB	186, 11, 112
RGB Percent	73%, 4%, 44%
CMY	0.2701, 0.9570, 0.5606
CMYK	0.00, 0.94, 0.40, 0.27
HSL	325°, 89%, 39%
HSV	325°, 94%, 73%
XYZ	23.3258, 11.8631, 16.4051
YIQ	74.8390, 71.8790, 68.5110

Conversions

Conversions Part 2

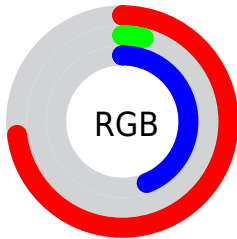
Format	Color
R_{YB}	186, 11, 112
Decimal	12192624
CIE _{Lab}	41.00, 67.36, -8.15
CIE _{LCh}	41, 67.854, 353.100
Yxy	11.8631, 0.4521, 0.2299
Android (android.graphics.Color)	4290382704 (0xFFBA0B70)
YUV	74.8390, 18.3204, 97.4882
Hunter-Lab	34.4429, 60.6109, -4.1297

Details

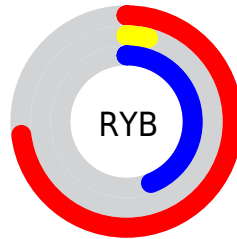
The YIQ color **74.8390, 71.8790, 68.5110** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **122.1610, -71.8790, -68.5110**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **143.6180, 70.6430, 57.8670**, and **45.2690, 55.1480, 46.8280** is the 20% darker color. If you saturate the color by 10%, you get **67.8120, 76.5090, 72.7090**, and if you desaturate by 10%, it is **86.9040, 64.0860, 61.0620**.

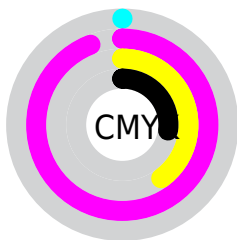
Distribution



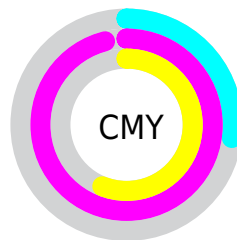
- Red (73%)
- Green (4%)
- Blue (44%)



- Red (73%)
- Yellow (4%)
- Blue (44%)



- Cyan (0%)
- Magenta (94%)
- Yellow (40%)
- Black (27%)





- Cyan (27%)
- Magenta (96%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.8390, 71.8790, 68.5110 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 74.8390, 71.8790, 68.5110 by changing the saturation by 10% instead.


 74.8390, 71.8790,
68.5110


 74.8390, 71.8790,
68.5110


255.0000, -0.0000,
-0.0000


 56.6760, 64.7280,
60.4400


 143.6180, 70.6430,
57.8670


 45.2690, 55.1480,
46.8280


 166.1110, 58.7690,
52.7930


 34.0900, 44.9260,
33.8380

 186.3260, 41.8060,
46.3340

 23.7370, 35.2540,
21.8940

 206.5410, 24.8430,
39.8750

 12.3730, 24.1150,
9.0030

 224.4760, 14.3000,
27.1960

 0.0000, 0.0000,
0.0000

 242.0860, 6.0500,

11.5060

■ 74.8390, 71.8790,
68.5110

■ 74.8390, 71.8790,
68.5110

■ 67.8120, 76.5090,
72.7090

■ 86.9040, 64.0860,
61.0620

■ 98.3820, 56.5680,
54.1360

■ 110.4470, 48.7750,
46.6870

■ 121.9250, 41.2570,
39.7610

■ 133.8760, 33.7850,
32.0010

■ 145.9410, 25.9920,
24.5520

■ 157.4190, 18.4740,
17.6260

■ 169.4840, 10.6810,
10.1770

■ 180.9620, 3.1630,
3.2510

Harmonies

Analogous

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



96.1190, 20.7600, 53.3040



74.8390, 71.8790, 68.5110



77.3960, 88.3430, 45.4550

Triad

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



74.8390, 71.8790, 68.5110



85.2450, 16.7420, -39.1140



89.8830, -91.8810, -3.3450

Complementary

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



74.8390, 71.8790, 68.5110



122.1610, -71.8790, -68.5110

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.



86.2860, -77.6190, -19.5310



74.8390, 71.8790, 68.5110



69.5570, -37.4030, -54.5470

Square

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



74.8390, 71.8790, 68.5110



91.4010, 52.1340, -19.7220



79.2010, -59.0470, -36.7350



87.2220, -96.7890, 8.5150

Rectangle

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



74.8390, 71.8790, 68.5110



85.7270, 84.7720, 16.5480



79.2010, -59.0470, -36.7350



89.4610, -87.9370, -8.7450

Sweetspot

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



74.8390, 71.8790, 68.5110



198.8920, 27.6880, 26.8560



52.7770, -12.6670, 69.9010



95.9950, 16.7320, 16.1560



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



74.8390, 71.8790, 68.5110



88.3180, 99.2920, 94.8440



65.0350, 99.4850, 41.7650



86.2610, 3.7590, 3.4630



56.9040, 64.0860, 61.0620



10.1960, 11.5520, 10.9120

Inverse Universe

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



74.8390, 71.8790, 68.5110



88.3180, 99.2920, 94.8440



132.0790, -99.8060, -41.4540



86.2610, 3.7590, 3.4630



56.9040, 64.0860, 61.0620



10.1960, 11.5520, 10.9120

Previews

White Background



This preview shows how the YIQ color 74.8390, 71.8790, 68.5110 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 74.8390, 71.8790, 68.5110

Background



This preview shows how black text looks on a background with the YIQ color 74.8390, 71.8790, 68.5110.



This preview shows how white text looks on a background with the YIQ color 74.8390, 71.8790,

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

74.8390, 71.8790, 68.5110

Protanopia

97.3050, -33.9310, 14.7170

Deuteranopia

99.9020, 3.3920, 4.6080



Tritanopia

86.0770, 81.3310, 29.3550

Trichromacy



Original Color

74.8390, 71.8790, 68.5110

Protanomaly

89.4290, 4.4870, 34.3350

Deuteranomaly

90.7180, 28.2380, 27.9020

Tritanomaly

82.0680, 77.5230, 43.3070

Monochromacy



Original Color

74.8390, 71.8790, 68.5110

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.9410, 25.9920, 24.5520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.8390, 71.8790, 68.5110 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(186, 11, 112)` looks like.

```
.text, #text, p{  
    color:rgb(186, 11, 112)  
}
```

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(186, 11, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 11, 112) }
```

Border

The CSS property to change the border of an element to YIQ 74.8390, 71.8790, 68.5110 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(186, 11, 112) }
```


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

```
.border{ border-color:rgb(186, 11, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 11, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 11, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 11, 112);  
box-shadow:4px 4px 4px 4px rgb(186, 11,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 74.8390, 71.8790, 68.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 11, 112) }
```

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

```
.background{ background-color: rgb(186, 11,  
112) }
```

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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