

Converting Colors

YIQ(71.7440, 71.1890, 81.0210)

Have a look what the booklet for
YIQ(71.7440, 71.1890, 81.0210)
contains.

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Color

**YIQ(71.7440, 71.1890,
81.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	BE0083
RGB	190, 0, 131
RGB Percent	75%, 0%, 51%
CMY	0.2544, 0.9999, 0.4861
CMYK	0.00, 1.00, 0.31, 0.25
HSL	319°, 100%, 37%
HSV	319°, 100%, 75%
XYZ	25.3691, 12.6046, 22.5850
YIQ	71.7440, 71.1890, 81.0210

Conversions

Conversions Part 2

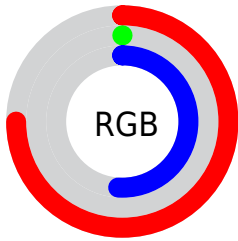
Format	Color
RYB	190, 0, 131
Decimal	12451971
CIELab	42.16, 71.23, -18.11
CIELCh	42, 73.499, 345.734
Yxy	12.6046, 0.4189, 0.2081
Android (android.graphics.Color)	4290642051 (0xFFBE0083)
YUV	71.7440, 29.2132, 103.7105
Hunter-Lab	35.5030, 65.4190, -12.8648

Details

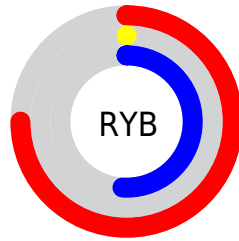
The YIQ color **71.7440, 71.1890, 81.0210** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **118.2560, -71.1890, -81.0210**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.5070, 66.8820, 65.4580**, and **48.4030, 52.0750, 52.9630** is the 20% darker color. If you saturate the color by 10%, you get **71.7440, 71.1890, 81.0210**, and if you desaturate by 10%, it is **83.5810, 64.0380, 72.9500**.

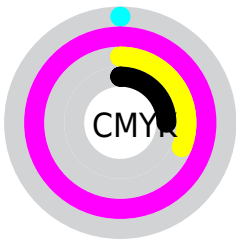
Distribution



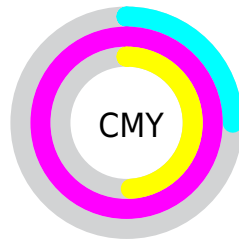
- Red (75%)
- Green (0%)
- Blue (51%)



- Red (75%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (31%)
- Black (25%)





- Cyan (25%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 71.7440, 71.1890, 81.0210 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 71.7440, 71.1890, 81.0210 by changing the saturation by 10% instead.


 71.7440, 71.1890,
81.0210


 71.7440, 71.1890,
81.0210


255.0000, -0.0000,
-0.0000


 59.9240, 61.3340,
66.8860

 146.5070, 66.8820,
65.4580


 48.4030, 52.0750,
52.9630


 168.5050, 52.0280,
59.3240


 37.1100, 42.1740,
39.6620

 188.7200, 35.0650,
52.8650

 26.6430, 32.8230,
27.4070

 207.4530, 22.2750,
42.3630

 15.5350, 23.8390,
14.0070

 225.0630, 14.0250,
26.6730

 0.0000, 0.0000,
0.0000

 242.6730, 5.7750,

10.9830

■ 71.7440, 71.1890,
81.0210

■ 83.5810, 64.0380,
72.9500

■ 95.4180, 56.8870,
64.8790

■ 107.2550, 49.7360,
56.8080

■ 119.0920, 42.5850,
48.7370

■ 130.9290, 35.4340,
40.6660

■ 142.7660, 28.2830,
32.5950

■ 154.4890, 21.4530,
24.2130

■ 166.3260, 14.3020,
16.1420

■ 178.1630, 7.1510,
8.0710

Harmonies

Analogous

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



100.2190, 5.8590, 53.5310



71.7440, 71.1890, 81.0210



68.4920, 97.6010, 64.9050

Triad

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



71.7440, 71.1890, 81.0210



90.6160, 26.0030, -36.2450



93.4050, -93.5310, -6.4830

Complementary

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



71.7440, 71.1890, 81.0210



118.2560, -71.1890, -81.0210

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.



88.3090, -76.4260, -24.6340



71.7440, 71.1890, 81.0210



69.2660, -32.4500, -61.7140

Square

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



71.7440, 71.1890, 81.0210



93.8370, 62.7700, -14.2380



79.8390, -55.3320, -43.4920



92.4710, -101.9240, 7.9640

Rectangle

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



71.7440, 71.1890, 81.0210



82.1880, 94.2600, 31.8280



79.8390, -55.3320, -43.4920



92.1680, -88.6700, -11.9820

Sweetspot

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



71.7440, 71.1890, 81.0210



200.9400, 27.7330, 31.5490



38.7030, -27.0180, 71.1740



96.9890, 16.8690, 19.1810



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



71.7440, 71.1890, 81.0210



93.2330, 92.6420, 105.2340



61.1420, 101.0420, 52.0980



88.3750, 3.4380, 3.7740



59.6680, 59.1790, 67.3950



11.6630, 11.7350, 13.1030

Inverse Universe

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



71.7440, 71.1890, 81.0210



93.2330, 92.6420, 105.2340



128.8580, -101.0420, -52.0980



88.3750, 3.4380, 3.7740



59.6680, 59.1790, 67.3950



11.6630, 11.7350, 13.1030

Previews

White Background



This preview shows how the YIQ color 71.7440, 71.1890, 81.0210 looks on a white background.

Color Contrast Check

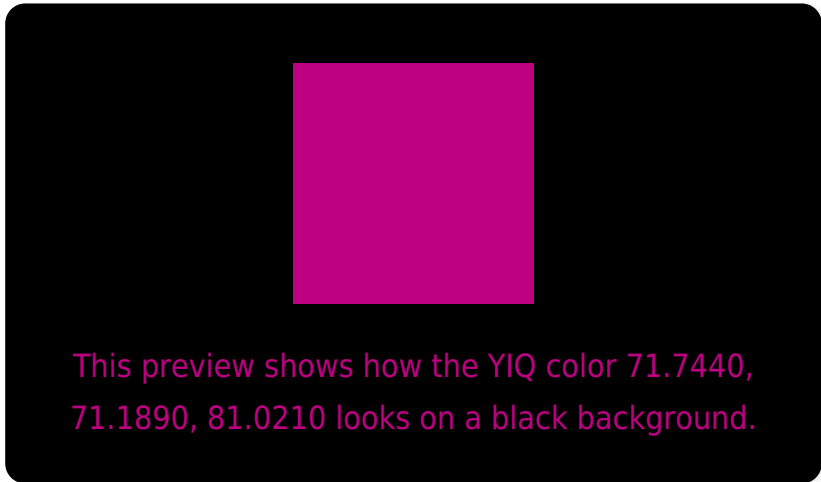
Large Text (above 18pt) WCAG AA ✓ Pass

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

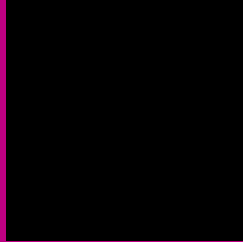
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.7440, 71.1890, 81.0210

Background



This preview shows how black text looks on a background with the YIQ color 71.7440, 71.1890, 81.0210.



This preview shows how white text looks on a background with the YIQ color 71.7440, 71.1890,

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

71.7440, 71.1890, 81.0210

Protanopia

96.7730, -52.6840, 18.6760

Deuteranopia

103.1060, -5.8700, 7.2660



Tritanopia

91.9950, 78.6260, 28.8180

Trichromacy



Original Color

71.7440, 71.1890, 81.0210



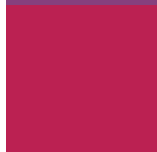
Protanomaly

87.7130, -7.7560, 41.4600



Deuteranomaly

91.8840, 22.1390, 33.8110



Tritanomaly

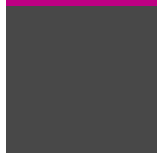
84.6320, 76.0550, 47.8870

Monochromacy



Original Color

71.7440, 71.1890, 81.0210



Achromatopsia

72.0000, -0.0000, 0.0000



Achromatomaly

71.9890, 26.0370, 29.2450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.7440, 71.1890, 81.0210 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(190, 0, 131)` looks like.

```
.text, #text, p{  
    color:rgb(190, 0, 131)  
}
```

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(190, 0, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 0, 131) }
```

Border

The CSS property to change the border of an element to YIQ 71.7440, 71.1890, 81.0210 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(190, 0, 131) }
```


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

```
.border{ border-color:rgb(190, 0, 131) }
```

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

Here you see how a box with a 4 pixel rgb(190, 0, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 0, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 0, 131);  
box-shadow:4px 4px 4px 4px rgb(190, 0,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 71.7440, 71.1890, 81.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 0, 131) }
```

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

```
.background{ background-color: rgb(190, 0,  
131) }
```

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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