

Converting Colors

YIQ(81.9180, 61.4710, 69.9110)

Have a look what the booklet for
YIQ(81.9180, 61.4710, 69.9110)
contains.

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Color

**YIQ(81.9180, 61.4710,
69.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	B81485
RGB	184, 20, 133
RGB Percent	72%, 8%, 52%
CMY	0.2780, 0.9218, 0.4783
CMYK	0.00, 0.89, 0.28, 0.28
HSL	319°, 80%, 40%
HSV	319°, 89%, 72%
XYZ	24.2807, 12.3973, 23.3179
YIQ	81.9180, 61.4710, 69.9110

Conversions

Conversions Part 2

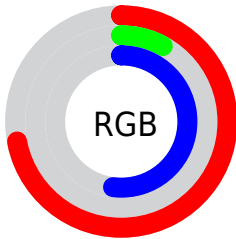
Format	Color
RYB	184, 20, 133
Decimal	12063877
CIELab	41.84, 67.94, -19.93
CIELCh	42, 70.806, 343.650
Yxy	12.3973, 0.4047, 0.2066
Android (android.graphics.Color)	4290253957 (0xFFB81485)
YUV	81.9180, 25.1834, 89.5259
Hunter-Lab	35.2098, 61.4763, -14.6183

Details

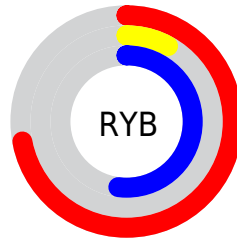
The YIQ color **81.9180, 61.4710, 69.9110** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **122.0820, -61.4710, -69.9110**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **147.5770, 60.6930, 61.9810**, and **47.1360, 48.4530, 52.5250** is the 20% darker color. If you saturate the color by 10%, you get **70.6680, 68.3470, 77.4590**, and if you desaturate by 10%, it is **93.1680, 54.5950, 62.3630**.

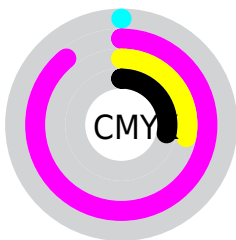
Distribution



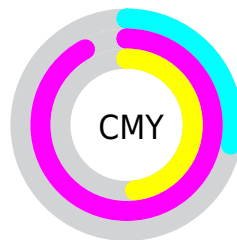
- Red (72%)
- Green (8%)
- Blue (52%)



- Red (72%)
- Yellow (8%)
- Blue (52%)



- Cyan (0%)
- Magenta (89%)
- Yellow (28%)
- Black (28%)



- Cyan (28%)
- Magenta (92%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.9180, 61.4710, 69.9110 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 81.9180, 61.4710, 69.9110 by changing the saturation by 10% instead.

81.9180, 61.4710,
69.9110

81.9180, 61.4710,
69.9110

255.0000, -0.0000,
-0.0000

58.6570, 57.7120,
66.4480

147.5770, 60.6930,
61.9810

47.1360, 48.4530,
52.5250

171.0810, 50.2860,
57.8540

36.1420, 39.1480,
39.4360

191.4100, 33.0020,
51.7060

25.5610, 30.1180,
26.8700

209.2140, 21.4500,
40.7940

14.5670, 20.8130,
13.7810

226.8240, 13.2000,
25.1040

0.0000, 0.0000,
0.0000

243.8470, 5.2250,

9.9370

■ 81.9180, 61.4710,
69.9110

■ 81.9180, 61.4710,
69.9110

■ 70.6680, 68.3470,
77.4590

■ 93.1680, 54.5950,
62.3630

■ 69.4940, 68.8970,
78.5050

■ 104.8910, 47.7650,
53.9810

■ 116.1410, 40.8890,
46.4330

■ 127.9780, 33.7380,
38.3620

■ 139.2280, 26.8620,
30.8140

■ 150.3640, 20.3070,
22.9550

■ 162.2010, 13.1560,
14.8840

■ 173.4510, 6.2800,
7.3360

■ 185.2880, -0.8710,
-0.7350

Harmonies

Analogous

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



99.7730, 1.1830, 50.1670



81.9180, 61.4710, 69.9110



67.7520, 93.9330, 65.3010

Triad

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



81.9180, 61.4710, 69.9110



90.6380, 28.9370, -34.3510



92.0200, -91.0090, -8.1370

Complementary

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



81.9180, 61.4710, 69.9110



122.0820, -61.4710, -69.9110

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.



86.4510, -73.9500, -25.4540



81.9180, 61.4710, 69.9110



68.0920, -31.9000, -60.6680

Square

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



81.9180, 61.4710, 69.9110



92.9620, 63.9160, -12.9800



78.2090, -53.4980, -43.6900



91.6730, -99.6770, 5.7870

Rectangle

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



81.9180, 61.4710, 69.9110



82.2740, 91.1420, 33.2700



78.2090, -53.4980, -43.6900



90.6690, -85.8270, -13.9470

Sweetspot

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



81.9180, 61.4710, 69.9110



199.5650, 24.2950, 27.7750



53.3470, -23.4400, 61.3920



95.7390, 14.5770, 16.6650



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



81.9180, 61.4710, 69.9110



90.5700, 90.0750, 102.1950



72.7980, 87.1510, 45.0310



86.3750, 3.4380, 3.7740



58.8420, 58.6290, 66.3490



10.5380, 10.5890, 11.8450

Inverse Universe

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



81.9180, 61.4710, 69.9110



90.5700, 90.0750, 102.1950



131.2020, -87.1510, -45.0310



86.3750, 3.4380, 3.7740



58.8420, 58.6290, 66.3490



10.5380, 10.5890, 11.8450

Previews

White Background



This preview shows how the YIQ color 81.9180, 61.4710, 69.9110 looks on a white background.

Color Contrast Check

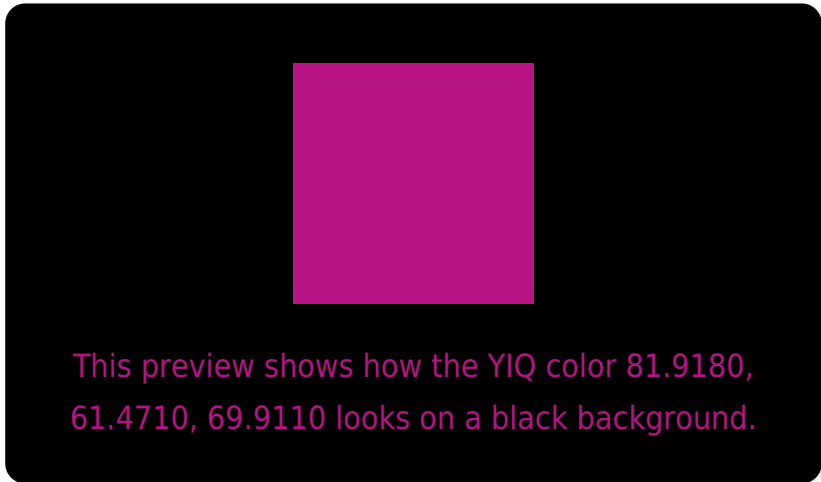
Large Text (above 18pt) WCAG AA ✓ Pass

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

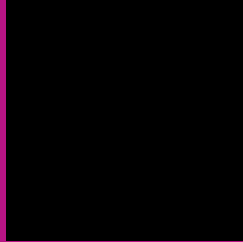
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.9180, 61.4710, 69.9110

Background



This preview shows how black text looks on a background with the YIQ color 81.9180, 61.4710, 69.9110.



This preview shows how white text looks on a background with the YIQ color 81.9180, 61.4710,

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

81.9180, 61.4710, 69.9110

Protanopia

94.4030, -54.5180, 18.8740

Deuteranopia

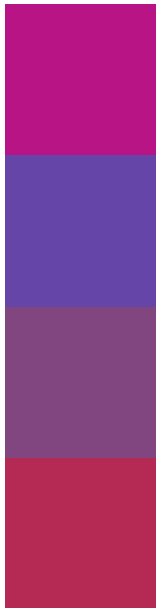
101.0780, -8.6670, 8.3970



Tritanopia

92.4180, 72.9410, 27.2210

Trichromacy



Original Color

81.9180, 61.4710, 69.9110

Protanomaly

89.7400, -12.3860, 37.2620

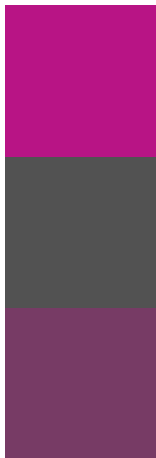
Deuteranomaly

94.2530, 16.5460, 30.5460

Tritanomaly

88.4630, 69.0410, 42.8410

Monochromacy



Original Color

81.9180, 61.4710, 69.9110

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

81.7280, 22.2780, 25.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.9180, 61.4710, 69.9110 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(184, 20, 133)` looks like.

```
.text, #text, p{  
    color:rgb(184, 20, 133)  
}
```

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(184, 20, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 20, 133) }
```

Border

The CSS property to change the border of an element to YIQ 81.9180, 61.4710, 69.9110 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(184, 20, 133) }
```


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

```
.border{ border-color:rgb(184, 20, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 20, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 20, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 20, 133); box-shadow:4px 4px 4px 4px rgb(184, 20, 133) }
```

Background

The CSS property to change the background color of an element to YIQ 81.9180, 61.4710, 69.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 20, 133) }
```

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

```
.background{ background-color: rgb(184, 20,  
133) }
```

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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