

Converting Colors

YIQ(77.7720, 73.9860, 79.8900)

Have a look what the booklet for
YIQ(77.7720, 73.9860, 79.8900)
contains.

YIQ(77.7720, 73.9860, 79.8900)	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(77.7720, 73.9860,
79.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	C60684
RGB	198, 6, 132
RGB Percent	78%, 2%, 52%
CMY	0.2230, 0.9767, 0.4822
CMYK	0.00, 0.97, 0.33, 0.22
HSL	321°, 94%, 40%
HSV	321°, 97%, 78%
XYZ	27.5572, 13.8201, 23.0629
YIQ	77.7720, 73.9860, 79.8900

Conversions

Conversions Part 2

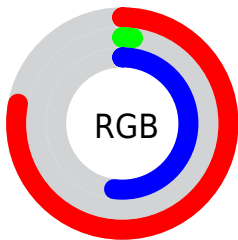
Format	Color
R_{YB}	198, 6, 132
Decimal	12977796
CIE _{Lab}	43.97, 72.42, -15.82
CIE _{LCh}	44, 74.129, 347.680
Yxy	13.8201, 0.4276, 0.2145
Android (android.graphics.Color)	4291167876 (0xFFC60684)
YUV	77.7720, 26.7344, 105.4400
Hunter-Lab	37.1755, 67.2606, -10.7594

Details

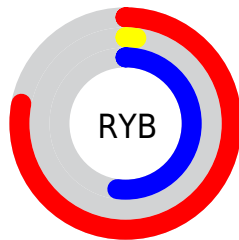
The YIQ color **77.7720, 73.9860, 79.8900** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **126.2280, -73.9860, -79.8900**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.5780, 68.1200, 65.0480**, and **50.9090, 56.5220, 54.9700** is the 20% darker color. If you saturate the color by 10%, you get **74.0220, 76.2780, 82.4060**, and if you desaturate by 10%, it is **90.3100, 66.2390, 71.6070**.

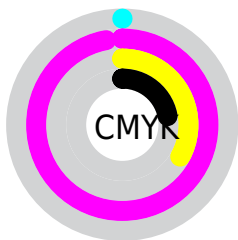
Distribution



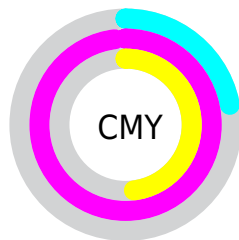
- Red (78%)
- Green (2%)
- Blue (52%)



- Red (78%)
- Yellow (2%)
- Blue (52%)



- Cyan (0%)
- Magenta (97%)
- Yellow (33%)
- Black (22%)



- Cyan (22%)
- Magenta (98%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.7720, 73.9860, 79.8900 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 77.7720, 73.9860, 79.8900 by changing the saturation by 10% instead.

■ 77.7720, 73.9860,
79.8900

■ 77.7720, 73.9860,
79.8900

■ 255.0000, -0.0000,
-0.0000

■ 62.4300, 65.7810,
68.8930

■ 149.5780, 68.1200,
65.0480

■ 50.9090, 56.5220,
54.9700

■ 170.3800, 50.8820,
58.0660

■ 39.6160, 46.6210,
41.6690

■ 191.1820, 33.6440,
51.0840

■ 28.5510, 36.0780,
28.9900

■ 209.8010, 21.1750,
40.2710

■ 17.5570, 26.7730,
15.9010

■ 227.4110, 12.9250,
24.5810

■ 2.6910, 5.3640,
1.9080

■ 245.0210, 4.6750,

■ 0.0000, 0.0000,

8.8910

0.0000

■ 77.7720, 73.9860,
79.8900

■ 77.7720, 73.9860,
79.8900

■ 74.0220, 76.2780,
82.4060

■ 90.3100, 66.2390,
71.6070

■ 102.8480, 58.4920,
63.3240

■ 114.6850, 51.3410,
55.2530

■ 127.2230, 43.5940,
46.9700

■ 139.7610, 35.8470,
38.6870

■ 152.2990, 28.1000,
30.4040

■ 164.8370, 20.3530,
22.1210

■ 176.7880, 12.8810,
14.3610

■ 189.2120, 5.4550,
5.7670

Harmonies

Analogous

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



104.1380, 10.5810, 56.0610



77.7720, 73.9860, 79.8900



70.2860, 101.1770, 66.1770

Triad

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



77.7720, 73.9860, 79.8900



93.5510, 24.6280, -38.8600



97.3660, -97.7950, -6.2990

Complementary

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



77.7720, 73.9860, 79.8900



126.2280, -73.9860, -79.8900

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.



92.2700, -80.6900, -24.4500



77.7720, 73.9860, 79.8900



72.2010, -33.8250, -64.3290

Square

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



77.7720, 73.9860, 79.8900



98.2560, 62.9080, -16.7400



83.6860, -59.2750, -43.6190



95.6170, -105.2710, 8.0490

Rectangle

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



77.7720, 73.9860, 79.8900



88.2650, 95.3610, 28.3930



83.6860, -59.2750, -43.6190



96.1290, -92.9340, -11.7980

Sweetspot

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



77.7720, 73.9860, 79.8900



208.7120, 28.3750, 30.9270



47.0240, -23.4880, 73.2800



99.7610, 17.5110, 18.5590



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.



77.7720, 73.9860, 79.8900



95.2830, 98.3730, 105.9970



67.0560, 104.1600, 50.6560



93.3750, 3.4380, 3.7740



60.9350, 62.8010, 67.8330



13.3860, 14.0730, 14.7850

Inverse Universe

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



77.7720, 73.9860, 79.8900



95.2830, 98.3730, 105.9970



136.9440, -104.1600, -50.6560



93.3750, 3.4380, 3.7740



60.9350, 62.8010, 67.8330



13.3860, 14.0730, 14.7850

Previews

White Background



This preview shows how the YIQ color 77.7720, 73.9860, 79.8900 looks on a white background.

Color Contrast Check

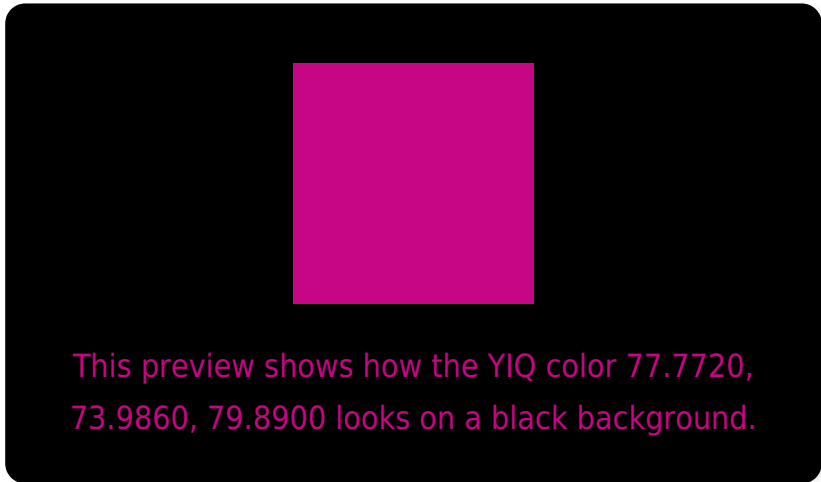
Large Text (above 18pt) WCAG AA ✓ Pass

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

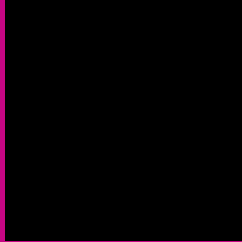
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.7720, 73.9860, 79.8900

Background



This preview shows how black text looks on a background with the YIQ color 77.7720, 73.9860, 79.8900.



This preview shows how white text looks on a background with the YIQ color 77.7720, 73.9860,

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

77.7720, 73.9860, 79.8900

Protanopia

101.6270, -49.3370, 18.5910

Deuteranopia

106.7750, -3.4400, 7.2800



Tritanopia

94.3870, 83.3940, 30.5140

Trichromacy



Original Color

77.7720, 73.9860, 79.8900



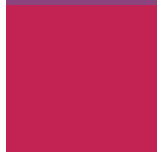
Protanomaly

93.1540, -4.6840, 40.8520



Deuteranomaly

96.4390, 24.8900, 33.5140



Tritanomaly

88.1980, 80.2730, 48.5370

Monochromacy



Original Color

77.7720, 73.9860, 79.8900



Achromatopsia

78.0000, -0.0000, -0.0000



Achromatomaly

78.1740, 26.9540, 29.1460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.7720, 73.9860, 79.8900 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, 6, 132)` looks like.

```
.text, #text, p{  
    color:rgb(198, 6, 132)  
}
```

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, 6, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 6, 132) }
```

Border

The CSS property to change the border of an element to YIQ 77.7720, 73.9860, 79.8900 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, 6, 132) }
```


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

```
.border{ border-color:rgb(198, 6, 132) }
```

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

Here you see how a box with a 4 pixel rgb(198, 6, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 6, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 6, 132);  
box-shadow:4px 4px 4px 4px rgb(198, 6,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 77.7720, 73.9860, 79.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 6, 132) }
```

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

```
.background{ background-color: rgb(198, 6,  
132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor