

Converting Colors

YIQ(77.6910, 78.7080, 82.4200)

Have a look what the booklet for
YIQ(77.6910, 78.7080, 82.4200)
contains.

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Color

**YIQ(77.6910, 78.7080,
82.4200)**

Conversions

Conversions Part 1

Format	Color
Hex	CC0383
RGB	204, 3, 131
RGB Percent	80%, 1%, 51%
CMY	0.1994, 0.9884, 0.4861
CMYK	0.00, 0.99, 0.36, 0.20
HSL	322°, 97%, 41%
HSV	322°, 99%, 80%
XYZ	29.0729, 14.5610, 22.7703
YIQ	77.6910, 78.7080, 82.4200

Conversions

Conversions Part 2

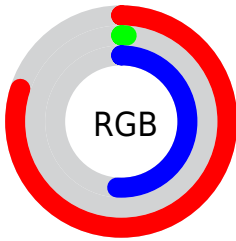
Format	Color
RYB	204, 3, 131
Decimal	13370243
CIELab	45.03, 73.84, -13.49
CIElCh	45, 75.065, 349.644
Yxy	14.5610, 0.4378, 0.2193
Android (android.graphics.Color)	4291560323 (0xFFCC0383)
YUV	77.6910, 26.2813, 110.7730
Hunter-Lab	38.1588, 69.2200, -8.6686

Details

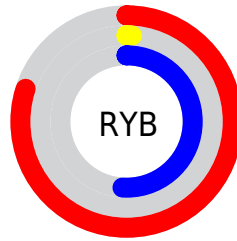
The YIQ color **77.6910, 78.7080, 82.4200** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **129.3090, -78.7080, -82.4200**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.0510, 68.1660, 64.2140**, and **52.4040, 59.5020, 56.0300** is the 20% darker color. If you saturate the color by 10%, you get **75.8160, 79.8540, 83.6780**, and if you desaturate by 10%, it is **90.2290, 70.9610, 74.1370**.

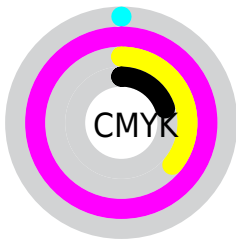
Distribution



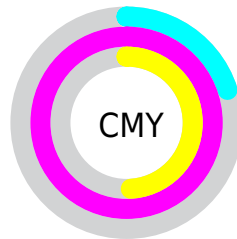
- Red (80%)
- Green (1%)
- Blue (51%)



- Red (80%)
- Yellow (1%)
- Blue (51%)



- Cyan (0%)
- Magenta (99%)
- Yellow (36%)
- Black (20%)





- Cyan (20%)
- Magenta (99%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 77.6910, 78.7080, 82.4200 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 77.6910, 78.7080, 82.4200 by changing the saturation by 10% instead.


 77.6910, 78.7080,
82.4200


 77.6910, 78.7080,
82.4200


255.0000, -0.0000,
-0.0000


 64.1100, 69.6780,
69.8540


 150.0510, 68.1660,
64.2140


 52.4040, 59.5020,
56.0300


 170.8530, 50.9280,
57.2320


 41.1110, 49.6010,
42.7290


 191.6550, 33.6900,
50.2500

 29.9320, 39.3790,
29.7390

 210.3880, 20.9000,
39.7480

 18.9380, 30.0740,
16.6500

 227.9980, 12.6500,
24.0580

 6.2790, 12.5160,
4.4520

 245.6080, 4.4000,

 0.0000, 0.0000,

8.3680

0.0000

■ 77.6910, 78.7080,
82.4200

■ 77.6910, 78.7080,
82.4200

■ 75.8160, 79.8540,
83.6780

■ 90.2290, 70.9610,
74.1370

■ 103.4680, 62.6180,
65.6420

■ 116.0060, 54.8710,
57.3590

■ 129.2450, 46.5280,
48.8640

■ 141.7830, 38.7810,
40.5810

■ 154.4350, 30.7130,
32.6090

■ 167.5600, 22.6910,
23.8030

■ 180.0980, 14.9440,
15.5200

■ 193.3370, 6.6010,
7.0250

Harmonies

Analogous

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



106.0570, 15.3030, 58.5910



77.6910, 78.7080, 82.4200



75.3630, 102.2780, 62.7420

Triad

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



77.6910, 78.7080, 82.4200



95.3010, 22.3360, -41.3760



99.3380, -100.5920, -5.1680

Complementary

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



77.6910, 78.7080, 82.4200



129.3090, -78.7080, -82.4200

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.



94.8290, -83.7620, -23.8420



77.6910, 78.7080, 82.4200



73.9620, -34.6500, -65.8980

Square

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



77.6910, 78.7080, 82.4200



100.6040, 61.8080, -18.8320



86.2450, -62.3470, -43.0110



97.3610, -107.4260, 8.5580

Rectangle

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



77.6910, 78.7080, 82.4200



91.7550, 96.7370, 25.4810



86.2450, -62.3470, -43.0110



98.6880, -96.0060, -11.1900

Sweetspot

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



77.6910, 78.7080, 82.4200



207.1960, 29.8880, 31.0400



46.8440, -22.8010, 77.3510



99.0600, 18.1070, 18.7710



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.



77.6910, 78.7080, 82.4200



94.7130, 99.9780, 104.4420



66.5190, 110.1660, 51.9420



95.6740, 4.0340, 3.9860



61.7180, 64.9100, 68.1580



14.0980, 14.9440, 15.5200

Inverse Universe

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



77.6910, 78.7080, 82.4200



94.7130, 99.9780, 104.4420



140.4810, -110.1660, -51.9420



95.6740, 4.0340, 3.9860



61.7180, 64.9100, 68.1580



14.0980, 14.9440, 15.5200

Previews

White Background



This preview shows how the YIQ color 77.6910, 78.7080, 82.4200 looks on a white background.

Color Contrast Check

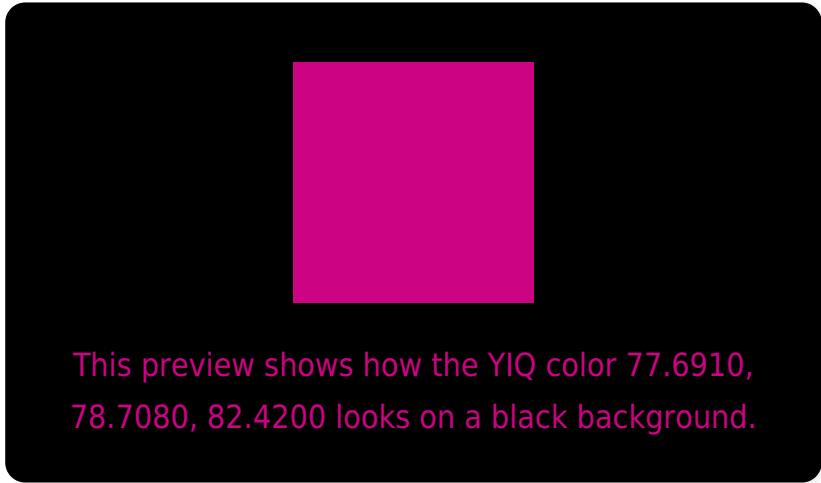
Large Text (above 18pt) WCAG AA ✓ Pass

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

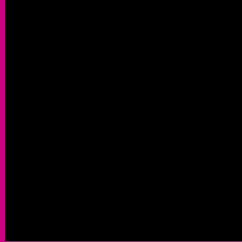
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.6910, 78.7080, 82.4200

Background



This preview shows how black text looks on a background with the YIQ color 77.6910, 78.7080, 82.4200.



This preview shows how white text looks on a background with the YIQ color 77.6910, 78.7080,

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

77.6910, 78.7080, 82.4200

Protanopia

105.3670, -45.6690, 18.1950

Deuteranopia

109.9170, -0.9640, 6.4600



Tritanopia

96.1810, 86.9700, 31.7860

Trichromacy



Original Color

77.6910, 78.7080, 82.4200



Protanomaly

95.7200, -0.4660, 41.5020



Deuteranomaly

98.4070, 27.9160, 33.7400



Tritanomaly

89.4050, 84.1240, 50.3320

Monochromacy



Original Color

77.6910, 78.7080, 82.4200



Achromatopsia

78.0000, -0.0000, -0.0000



Achromatomaly

78.0710, 28.7420, 29.7820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.6910, 78.7080, 82.4200 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(204, 3, 131)` looks like.

```
.text, #text, p{  
    color:rgb(204, 3, 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(204, 3, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 3, 131) }
```

Border

The CSS property to change the border of an element to YIQ 77.6910, 78.7080, 82.4200 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(204, 3, 131) }
```


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

```
.border{ border-color:rgb(204, 3, 131) }
```

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

Here you see how a box with a 4 pixel rgb(204, 3, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 3, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 3, 131);  
box-shadow:4px 4px 4px 4px rgb(204, 3,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 77.6910, 78.7080, 82.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 3, 131) }
```

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

```
.background{ background-color: rgb(204, 3,  
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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