

Converting Colors

YIQ(76.0720, 82.0090, 83.1690)

Have a look what the booklet for
YIQ(76.0720, 82.0090, 83.1690)
contains.

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Color

**YIQ(76.0720, 82.0090,
83.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	CE007F
RGB	206, 0, 127
RGB Percent	81%, 0%, 50%
CMY	0.1916, 0.9998, 0.5017
CMYK	0.00, 1.00, 0.38, 0.19
HSL	323°, 100%, 40%
HSV	323°, 100%, 81%
XYZ	29.3285, 14.6764, 21.3855
YIQ	76.0720, 82.0090, 83.1690

Conversions

Conversions Part 2

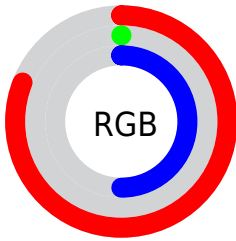
Format	Color
RYB	206, 0, 127
Decimal	13500543
CIELab	45.19, 74.13, -10.76
CIELCh	45, 74.910, 351.741
Yxy	14.6764, 0.4485, 0.2244
Android (android.graphics.Color)	4291690623 (0xFFCE007F)
YUV	76.0720, 25.1075, 113.9469
Hunter-Lab	38.3098, 69.6103, -6.2803

Details

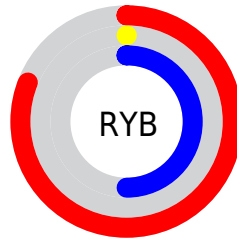
The YIQ color **76.0720, 82.0090, 83.1690** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **129.9280, -82.0090, -83.1690**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.0080, 69.7250, 63.4930**, and **52.5460, 61.9780, 55.2100** is the 20% darker color. If you saturate the color by 10%, you get **76.0720, 82.0090, 83.1690**, and if you desaturate by 10%, it is **89.3110, 73.6660, 74.6740**.

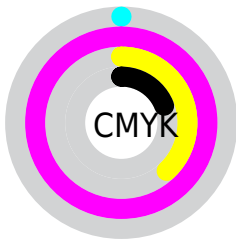
Distribution



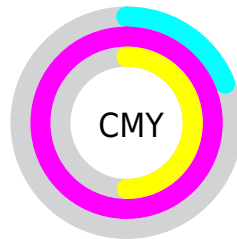
- Red (81%)
- Green (0%)
- Blue (50%)



- Red (81%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)
- Black (19%)





- Cyan (19%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 76.0720, 82.0090, 83.1690 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 76.0720, 82.0090, 83.1690 by changing the saturation by 10% instead.


 76.0720, 82.0090,
83.1690


 76.0720, 82.0090,
83.1690


255.0000, -0.0000,
-0.0000


 64.2520, 72.1540,
69.0340


 149.0080, 69.7250,
63.4930


 52.5460, 61.9780,
55.2100


 170.2830, 52.5330,
55.6770


 40.9540, 51.4810,
41.6970


 190.6120, 35.2490,
49.5290

 29.8890, 40.9380,
29.0180

 210.3880, 20.9000,
39.7480

 18.6670, 32.2750,
15.3070

 227.9980, 12.6500,
24.0580

 6.5780, 13.1120,
4.6640

 245.6080, 4.4000,

 0.0000, 0.0000,

8.3680

0.0000

■ 76.0720, 82.0090,
83.1690

■ 89.3110, 73.6660,
74.6740

■ 101.9630, 65.5980,
66.7020

■ 115.2020, 57.2550,
58.2070

■ 127.8540, 49.1870,
50.2350

■ 141.0930, 40.8440,
41.7400

■ 154.3320, 32.5010,
33.2450

■ 166.8700, 24.7540,
24.9620

■ 180.1090, 16.4110,
16.4670

■ 193.3480, 8.0680,
7.9720

Harmonies

Analogous

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



106.0360, 19.7960, 59.7640



76.0720, 82.0090, 83.1690



80.1900, 101.0870, 56.7910

Triad

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



76.0720, 82.0090, 83.1690



94.6920, 19.6770, -42.7470



99.6800, -101.5550, -4.2350

Complementary

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



76.0720, 82.0090, 83.1690



129.9280, -82.0090, -83.1690

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.



95.3990, -85.3670, -22.2870



76.0720, 82.0090, 83.1690



75.8030, -38.4560, -63.0000

Square

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



76.0720, 82.0090, 83.1690



100.8810, 59.4700, -20.5140



87.4020, -64.2270, -41.9790



96.8880, -107.4720, 9.3920

Rectangle

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



76.0720, 82.0090, 83.1690



92.9350, 96.0500, 21.4100



87.4020, -64.2270, -41.9790



99.1440, -97.2900, -9.9460

Sweetspot

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



76.0720, 82.0090, 83.1690



207.0820, 30.2090, 30.7290



47.1050, -19.0420, 80.8140



98.9460, 18.4280, 18.4600



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.



76.0720, 82.0090, 83.1690



94.1430, 101.5830, 102.8870



64.3300, 115.0720, 51.1360



95.6740, 4.0340, 3.9860



61.2620, 66.1940, 66.9140



14.0980, 14.9440, 15.5200

Inverse Universe

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



76.0720, 82.0090, 83.1690



94.1430, 101.5830, 102.8870



141.6700, -115.0720, -51.1360



95.6740, 4.0340, 3.9860



61.2620, 66.1940, 66.9140



14.0980, 14.9440, 15.5200

Previews

White Background



This preview shows how the YIQ color 76.0720, 82.0090, 83.1690 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

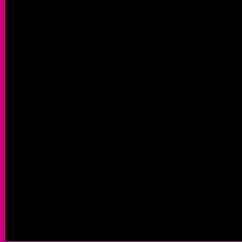
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.0720, 82.0090, 83.1690

Background



This preview shows how black text looks on a background with the YIQ color 76.0720, 82.0090, 83.1690.



This preview shows how white text looks on a background with the YIQ color 76.0720, 82.0090,

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

76.0720, 82.0090, 83.1690

Protanopia

106.8790, -41.3590, 17.1770

Deuteranopia

110.3580, 2.1080, 5.8520



Tritanopia

95.6760, 89.9500, 32.8460

Trichromacy



Original Color

76.0720, 82.0090, 83.1690



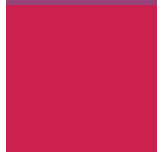
Protanomaly

95.7590, 3.7980, 41.3180



Deuteranomaly

97.6740, 31.5380, 34.1780



Tritanomaly

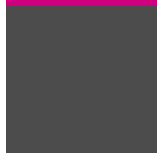
88.7860, 87.4250, 51.0810

Monochromacy



Original Color

76.0720, 82.0090, 83.1690



Achromatopsia

76.0000, -0.0000, -0.0000



Achromatomaly

75.7830, 29.6130, 30.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.0720, 82.0090, 83.1690 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(206, 0, 127)` looks like.

```
.text, #text, p{  
    color:rgb(206, 0, 127)  
}
```

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(206, 0, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 0, 127) }
```

Border

The CSS property to change the border of an element to YIQ 76.0720, 82.0090, 83.1690 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(206, 0, 127) }
```


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

```
.border{ border-color:rgb(206, 0, 127) }
```

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

Here you see how a box with a 4 pixel rgb(206, 0, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 0, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 0, 127);  
box-shadow:4px 4px 4px 4px rgb(206, 0,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 76.0720, 82.0090, 83.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 0, 127) }
```

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

```
.background{ background-color: rgb(206, 0,  
127) }
```

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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