

Converting Colors

YIQ(101.0970, 79.7200, 64.0720)

Have a look what the booklet for
YIQ(101.0970, 79.7200, 64.0720)
contains.

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Color

**YIQ(101.0970, 79.7200,
64.0720)**

Conversions

Conversions Part 1

Format	Color
Hex	D9267A
RGB	217, 38, 122
RGB Percent	85%, 15%, 48%
CMY	0.1485, 0.8512, 0.5213
CMYK	0.00, 0.83, 0.44, 0.15
HSL	332°, 70%, 50%
HSV	332°, 83%, 85%
XYZ	32.8591, 17.5586, 20.0905
YIQ	101.0970, 79.7200, 64.0720

Conversions

Conversions Part 2

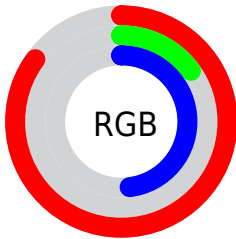
Format	Color
R_{YB}	217, 38, 122
Decimal	14231162
CIE _{Lab}	48.96, 70.94, -1.87
CIE _{LCh}	49, 70.961, 358.492
Yxy	17.5586, 0.4660, 0.2490
Android (android.graphics.Color)	4292421242 (0xFFD9267A)
YUV	101.0970, 10.3052, 101.6469
Hunter-Lab	41.9030, 66.6444, 0.9053

Details

The YIQ color **101.0970, 79.7200, 64.0720** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **153.9030, -79.7200, -64.0720**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **157.7160, 67.2510, 53.2590**, and **55.0800, 69.2220, 56.0860** is the 20% darker color. If you saturate the color by 10%, you get **86.9290, 89.3010, 72.1570**, and if you desaturate by 10%, it is **115.3790, 69.8180, 56.2980**.

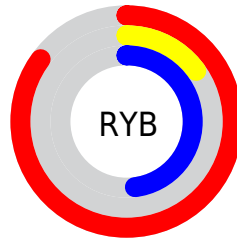
Distribution



Red (85%)

Green (15%)

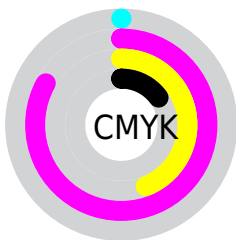
Blue (48%)



Red (85%)

Yellow (15%)

Blue (48%)

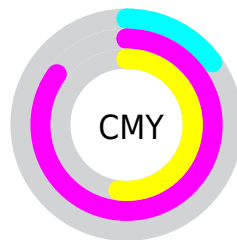


Cyan (0%)

Magenta (83%)

Yellow (44%)

Black (15%)



Cyan (15%)


Magenta (85%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 101.0970, 79.7200, 64.0720 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 101.0970, 79.7200, 64.0720 by changing the saturation by 10% instead.


 101.0970, 79.7200,
64.0720


 101.0970, 79.7200,
64.0720


255.0000, -0.0000,
-0.0000


 66.9710, 80.3150,
69.8110


 157.7160, 67.2510,
53.2590


 55.0800, 69.2220,
56.0860


 177.9310, 50.2880,
46.8000


 43.4880, 58.7250,
42.5730


 198.1460, 33.3250,
40.3410

 32.5370, 47.8610,
30.2050

 218.6060, 17.0500,
32.4260

 21.3860, 40.4360,
16.0840

 236.2160, 8.8000,
16.7360

 11.1770, 21.7310,
8.1550

253.8260, 0.5500,

 0.0000, 0.0000,

1.0460

0.0000

■ 101.0970, 79.7200,
64.0720

■ 101.0970, 79.7200,
64.0720

■ 86.9290, 89.3010,
72.1570

■ 115.3790, 69.8180,
56.2980

■ 76.5110, 96.5900,
77.7260

■ 128.9600, 60.5120,
48.7360

■ 143.2420, 50.6100,
40.9620

■ 157.4100, 41.0290,
32.8770

■ 171.6920, 31.1270,
25.1030

■ 185.2730, 21.8210,
17.5410

■ 199.5550, 11.9190,
9.7670

■ 213.7230, 2.3380,
1.6820

■ 227.4180, -7.2890,
-5.5690

Harmonies

Analogous

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



115.4520, 33.1840, 59.4240



101.0970, 79.7200, 64.0720



103.4640, 93.6630, 37.1430

Triad

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



101.0970, 79.7200, 64.0720



100.8390, 14.5890, -49.6590



105.9720, -108.2490, -4.0650

Complementary

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



101.0970, 79.7200, 64.0720



153.9030, -79.7200, -64.0720

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.



102.9620, -94.2620, -20.7740



101.0970, 79.7200, 64.0720



86.4780, -53.3580, -57.2460

Square

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



101.0970, 79.7200, 64.0720



109.3870, 54.7490, -28.5710



96.0080, -74.6810, -39.7450



100.5070, -110.7730, 8.6430

Rectangle

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



101.0970, 79.7200, 64.0720



107.0340, 90.9170, 9.8050



96.0080, -74.6810, -39.7450



105.6640, -104.6260, -9.1540

Sweetspot

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



101.0970, 79.7200, 64.0720



213.5560, 28.5140, 22.8980



86.2130, -2.0310, 75.3850



102.7130, 17.4660, 13.8660



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.



101.0970, 79.7200, 64.0720



91.8000, 112.3140, 90.1220



93.2820, 105.8590, 36.3790



102.8590, 4.9510, 3.8870



60.9610, 77.1070, 61.8670



16.2620, 20.3540, 16.5940

Inverse Universe

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



101.0970, 79.7200, 64.0720



91.8000, 112.3140, 90.1220



161.7180, -105.8590, -36.3790



102.8590, 4.9510, 3.8870



60.9610, 77.1070, 61.8670



16.2620, 20.3540, 16.5940

Previews

White Background



This preview shows how the YIQ color 101.0970, 79.7200, 64.0720 looks on a white background.

Color Contrast Check

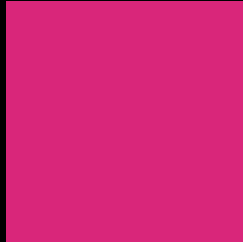
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 101.0970, 79.7200, 64.0720 looks on a black 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

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

YIQ 101.0970, 79.7200, 64.0720

Background



This preview shows how black text looks on a background with the YIQ color 101.0970, 79.7200, 64.0720.



This preview shows how white text looks on a background with the YIQ color 101.0970, 79.7200,

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

101.0970, 79.7200, 64.0720

Protanopia

116.5570, -25.9530, 13.3030

Deuteranopia

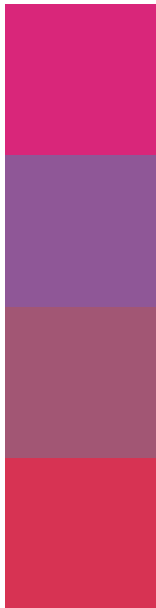
118.0830, 10.1320, 3.6040



Tritanopia

104.8720, 92.3340, 33.6940

Trichromacy



Original Color

101.0970, 79.7200, 64.0720

Protanomaly

111.0400, 12.8320, 31.7760

Deuteranomaly

112.1440, 35.6660, 25.4420

Tritanomaly

103.6840, 87.4720, 44.7200

Monochromacy



Original Color

101.0970, 79.7200, 64.0720

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.9690, 28.7890, 23.4210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.0970, 79.7200, 64.0720 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(217, 38, 122)` looks like.

```
.text, #text, p{  
    color:rgb(217, 38, 122)  
}
```

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(217, 38, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 38, 122) }
```

Border

The CSS property to change the border of an element to YIQ 101.0970, 79.7200, 64.0720 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(217, 38, 122) }
```


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

```
.border{ border-color:rgb(217, 38, 122) }
```

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

Here you see how a box with a 4 pixel rgb(217, 38, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 38, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 38, 122);  
box-shadow:4px 4px 4px 4px rgb(217, 38,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 101.0970, 79.7200, 64.0720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 38, 122) }
```

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

```
.background{ background-color: rgb(217, 38,  
122) }
```

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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