

Converting Colors

YIQ(92.9720, 79.7150, 91.7070)

Have a look what the booklet for
YIQ(92.9720, 79.7150, 91.7070)
contains.

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Color

**YIQ(92.9720, 79.7150,
91.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	E20CA1
RGB	226, 12, 161
RGB Percent	89%, 5%, 63%
CMY	0.1131, 0.9531, 0.3684
CMYK	0.00, 0.95, 0.29, 0.11
HSL	318°, 90%, 47%
HSV	318°, 95%, 89%
XYZ	37.9801, 19.0294, 35.4132
YIQ	92.9720, 79.7150, 91.7070

Conversions

Conversions Part 2

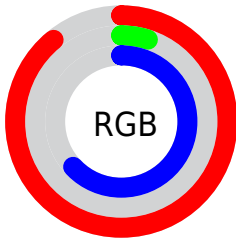
Format	Color
R_{YB}	226, 12, 161
Decimal	14814369
CIE _{Lab}	50.72, 80.69, -22.50
CIE _{LCh}	51, 83.765, 344.416
Yxy	19.0294, 0.4109, 0.2059
Android (android.graphics.Color)	4293004449 (0xFFE20CA1)
YUV	92.9720, 33.5378, 116.6656
Hunter-Lab	43.6227, 79.0715, -17.5961

Details

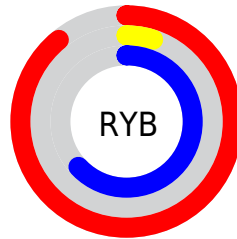
The YIQ color **92.9720, 79.7150, 91.7070** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **145.0280, -79.7150, -91.7070**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.3950, 55.6940, 69.9820**, and **61.7610, 63.3510, 68.8790** is the 20% darker color. If you saturate the color by 10%, you get **85.4720, 84.2990, 96.7390**, and if you desaturate by 10%, it is **107.2710, 71.1430, 81.8550**.

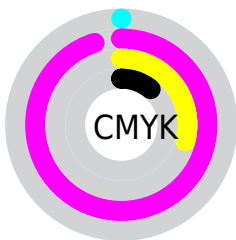
Distribution



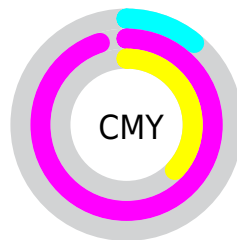
- Red (89%)
- Green (5%)
- Blue (63%)



- Red (89%)
- Yellow (5%)
- Blue (63%)



- Cyan (0%)
- Magenta (95%)
- Yellow (29%)
- Black (11%)





- Cyan (11%)
- Magenta (95%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 92.9720, 79.7150, 91.7070 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 92.9720, 79.7150, 91.7070 by changing the saturation by 10% instead.


 92.9720, 79.7150,
91.7070

 92.9720, 79.7150,
91.7070


255.0000, -0.0000,
-0.0000


 73.9940, 73.4810,
83.5370


 158.3950, 55.6940,
69.9820


 61.7610, 63.3510,
68.8790


 179.8980, 37.8600,
62.7880

 50.3540, 53.7710,
55.2670


 198.6480, 26.4000,
50.2080

 38.6480, 43.5950,
41.4430

 216.2580, 18.1500,
34.5180

 28.1810, 34.2440,
29.1880

 233.8680, 9.9000,
18.8280

 16.4750, 24.0680,
15.3640

 252.0650, 1.3750,

 0.0000, 0.0000,

2.6150

0.0000

■ 92.9720, 79.7150,
91.7070

■ 92.9720, 79.7150,
91.7070

■ 85.4720, 84.2990,
96.7390

■ 107.2710, 71.1430,
81.8550

■ 120.9830, 62.8460,
72.5260

■ 135.2820, 54.2740,
62.6740

■ 148.9940, 45.9770,
53.3450

■ 163.1790, 37.7260,
43.1820

■ 177.4780, 29.1540,
33.3300

■ 191.1900, 20.8570,
24.0010

■ 205.4890, 12.2850,
14.1490

■ 219.2010, 3.9880,
4.8200

Harmonies

Analogous

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



121.8200, 2.9690, 61.8570



92.9720, 79.7150, 91.7070



82.6180, 115.3420, 79.2940

Triad

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



92.9720, 79.7150, 91.7070



109.5210, 33.3400, -42.5640



112.6570, -111.9160, -9.1960

Complementary

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



92.9720, 79.7150, 91.7070



145.0280, -79.7150, -91.7070

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.



105.7200, -91.0050, -30.2450



92.9720, 79.7150, 91.7070



83.3540, -39.0500, -74.2660

Square

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



92.9720, 79.7150, 91.7070



113.9710, 76.8920, -16.8680



95.8820, -66.0590, -52.8350



111.2500, -120.3550, 6.0850

Rectangle

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



92.9720, 79.7150, 91.7070



99.6250, 112.3230, 40.3790



95.8820, -66.0590, -52.8350



110.9640, -105.7710, -15.9390

Sweetspot

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



92.9720, 79.7150, 91.7070



210.8150, 26.5870, 30.2910



55.5320, -30.5500, 80.1220



100.5760, 16.5940, 18.6580



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.



92.9720, 79.7150, 91.7070



96.4230, 95.1630, 109.1070



80.8880, 113.7410, 58.7410



105.2010, 3.9880, 4.8200



66.5320, 65.7340, 75.2540



18.2280, 17.6940, 20.7500

Inverse Universe

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



92.9720, 79.7150, 91.7070



96.4230, 95.1630, 109.1070



157.1120, -113.7410, -58.7410



105.2010, 3.9880, 4.8200



66.5320, 65.7340, 75.2540



18.2280, 17.6940, 20.7500

Previews

White Background



This preview shows how the YIQ color 92.9720, 79.7150, 91.7070 looks on a white background.

Color Contrast Check

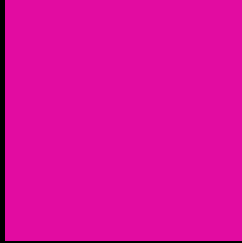
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 92.9720, 79.7150, 91.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

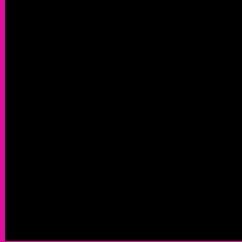
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 92.9720, 79.7150, 91.7070

Background



This preview shows how black text looks on a background with the YIQ color 92.9720, 79.7150, 91.7070.



This preview shows how white text looks on a background with the YIQ color 92.9720, 79.7150,

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

92.9720, 79.7150, 91.7070

Protanopia

114.2090, -68.4110, 22.8610

Deuteranopia

122.6480, -10.2720, 9.9520



Tritanopia

110.6870, 91.4170, 33.7930

Trichromacy



Original Color

92.9720, 79.7150, 91.7070



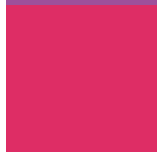
Protanomaly

106.1070, -14.4970, 47.9910



Deuteranomaly

111.8720, 22.4130, 39.8610



Tritanomaly

104.3070, 87.5160, 54.9400

Monochromacy



Original Color

92.9720, 79.7150, 91.7070



Achromatopsia

93.0000, -0.0000, -0.0000



Achromatomaly

93.1790, 28.5580, 33.1180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 92.9720, 79.7150, 91.7070 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(226, 12, 161)` looks like.

```
.text, #text, p{  
    color:rgb(226, 12, 161)  
}
```

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(226, 12, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 12, 161) }
```

Border

The CSS property to change the border of an element to YIQ 92.9720, 79.7150, 91.7070 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(226, 12, 161) }
```


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

```
.border{ border-color:rgb(226, 12, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 12, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 12, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 12, 161);  
box-shadow:4px 4px 4px 4px rgb(226, 12,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 92.9720, 79.7150, 91.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 12, 161) }
```

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

```
.background{ background-color: rgb(226, 12,  
161) }
```

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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