

Converting Colors

YIQ(79.7910, 72.9750, 92.7110)

Have a look what the booklet for
YIQ(79.7910, 72.9750, 92.7110)
contains.

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Color

**YIQ(79.7910, 72.9750,
92.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	CF009D
RGB	207, 0, 157
RGB Percent	81%, 0%, 62%
CMY	0.1876, 0.9999, 0.3841
CMYK	0.00, 1.00, 0.24, 0.19
HSL	315°, 100%, 41%
HSV	315°, 100%, 81%
XYZ	31.8637, 15.7229, 33.2729
YIQ	79.7910, 72.9750, 92.7110

Conversions

Conversions Part 2

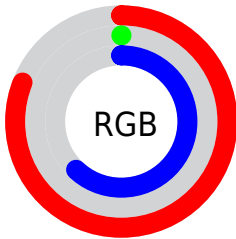
Format	Color
RYB	207, 0, 157
Decimal	13566109
CIELab	46.61, 77.48, -26.77
CIELCh	47, 81.969, 340.941
Yxy	15.7229, 0.3941, 0.1944
Android (android.graphics.Color)	4291756189 (0xFFCF009D)
YUV	79.7910, 38.0640, 111.5623
Hunter-Lab	39.6521, 74.0481, -21.9950

Details

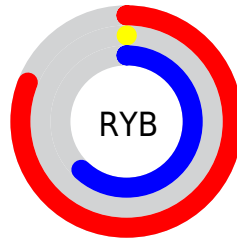
The YIQ color **79.7910, 72.9750, 92.7110** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **127.2090, -72.9750, -92.7110**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8300, 58.9030, 72.3990**, and **55.9230, 53.9070, 63.8190** is the 20% darker color. If you saturate the color by 10%, you get **79.7910, 72.9750, 92.7110**, and if you desaturate by 10%, it is **92.6880, 65.5950, 83.2830**.

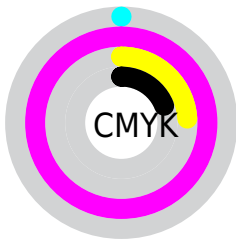
Distribution



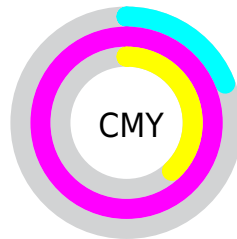
- Red (81%)
- Green (0%)
- Blue (62%)



- Red (81%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (19%)





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

Brightness & Saturation Gradients


These gradients show how the YIQ color 79.7910, 72.9750, 92.7110 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 79.7910, 72.9750, 92.7110 by changing the saturation by 10% instead.


 79.7910, 72.9750,
92.7110


 79.7910, 72.9750,
92.7110


255.0000, -0.0000,
-0.0000


 67.8570, 63.4410,
78.2650


 153.8300, 58.9030,
72.3990


 56.2220, 54.5030,
64.0310


 175.2190, 41.3900,
64.8940


 44.5160, 44.3270,
50.2070


 193.9520, 28.6000,
54.3920

 33.5220, 35.0220,
37.1180

 211.5620, 20.3500,
38.7020

 22.6420, 25.3960,
24.3400

 229.1720, 12.1000,
23.0120

 10.7080, 15.8620,
9.8940

 246.7820, 3.8500,

 0.0000, 0.0000,

7.3220

0.0000

■ 79.7910, 72.9750,
92.7110

■ 92.6880, 65.5950,
83.2830

■ 104.9980, 58.4900,
74.3780

■ 117.8950, 51.1100,
64.9500

■ 130.7920, 43.7300,
55.5220

■ 143.6890, 36.3500,
46.0940

■ 155.9990, 29.2450,
37.1890

■ 168.8960, 21.8650,
27.7610

■ 181.7930, 14.4850,
18.3330

■ 194.1030, 7.3800,
9.4280

Harmonies

Analogous

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



111.0960, -6.7960, 57.1080



79.7910, 72.9750, 92.7110



78.0190, 106.7230, 75.8030

Triad

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



79.7910, 72.9750, 92.7110



101.5800, 34.8520, -36.9240



103.8060, -102.1500, -9.9740

Complementary

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



79.7910, 72.9750, 92.7110



127.2090, -72.9750, -92.7110

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.



96.3960, -81.2850, -30.1890



79.7910, 72.9750, 92.7110



76.3210, -34.2830, -67.0430

Square

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



79.7910, 72.9750, 92.7110



103.6600, 76.5700, -11.0300



86.9000, -57.3020, -51.8460



104.4850, -113.7070, 6.7490

Rectangle

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



79.7910, 72.9750, 92.7110



81.6500, 111.1750, 50.1750



86.9000, -57.3020, -51.8460



101.5260, -95.7300, -16.1940

Sweetspot

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



79.7910, 72.9750, 92.7110



208.2220, 26.9990, 33.8390



37.9500, -37.8390, 74.5530



99.6300, 16.5020, 20.3260



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.



79.7910, 72.9750, 92.7110



98.2470, 90.0270, 114.0830



68.1630, 105.7170, 60.9890



98.2010, 3.9880, 4.8200



64.8240, 59.0400, 75.4240



15.7930, 14.4850, 18.3330

Inverse Universe

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



79.7910, 72.9750, 92.7110



98.2470, 90.0270, 114.0830



138.8370, -105.7170, -60.9890



98.2010, 3.9880, 4.8200



64.8240, 59.0400, 75.4240



15.7930, 14.4850, 18.3330

Previews

White Background



This preview shows how the YIQ color 79.7910, 72.9750, 92.7110 looks on a white background.

Color Contrast Check

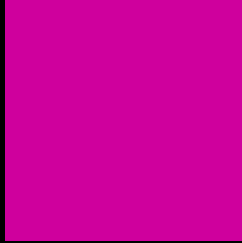
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.7910, 72.9750, 92.7110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

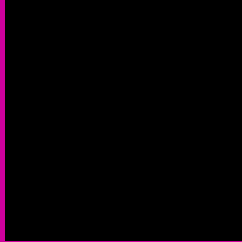
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.7910, 72.9750, 92.7110

Background



This preview shows how black text looks on a background with the YIQ color 79.7910, 72.9750, 92.7110.



This preview shows how white text looks on a background with the YIQ color 79.7910, 72.9750,

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

79.7910, 72.9750, 92.7110

Protanopia

101.0660, -78.3140, 20.6140

Deuteranopia

113.3100, -15.1320, 9.9240



Tritanopia

103.6040, 81.2850, 30.1890

Trichromacy



Original Color

79.7910, 72.9750, 92.7110



Protanomaly

93.0890, -23.2540, 47.0020



Deuteranomaly

101.3490, 16.6360, 39.9320



Tritanomaly

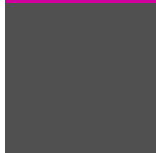
94.7620, 78.8050, 53.1170

Monochromacy



Original Color

79.7910, 72.9750, 92.7110



Achromatopsia

80.0000, 0.0000, -0.0000



Achromatomaly

79.9230, 26.4030, 33.6270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.7910, 72.9750, 92.7110 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(207, 0, 157)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 157)  
}
```

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(207, 0, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 157) }
```

Border

The CSS property to change the border of an element to YIQ 79.7910, 72.9750, 92.7110 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(207, 0, 157) }
```


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

```
.border{ border-color:rgb(207, 0, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 0, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 157);  
box-shadow:4px 4px 4px 4px rgb(207, 0,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 79.7910, 72.9750, 92.7110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 157) }
```

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

```
.background{ background-color: rgb(207, 0,  
157) }
```

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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