

Converting Colors

`YIQ(101.6260, 77.3330, 79.8050)`

Have a look what the booklet for
YIQ(101.6260, 77.3330, 79.8050)
contains.

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Color

**YIQ(101.6260, 77.3330,
79.8050)**

Conversions

Conversions Part 1

Format	Color
Hex	E11D98
RGB	225, 29, 152
RGB Percent	88%, 11%, 60%
CMY	0.1171, 0.8865, 0.4037
CMYK	0.00, 0.87, 0.32, 0.12
HSL	322°, 77%, 50%
HSV	322°, 87%, 88%
XYZ	37.2038, 19.1733, 31.4689
YIQ	101.6260, 77.3330, 79.8050

Conversions

Conversions Part 2

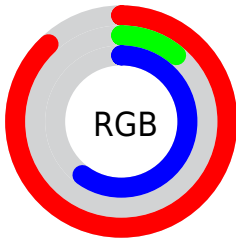
Format	Color
RYB	225, 29, 152
Decimal	14753176
CIELab	50.89, 77.44, -16.91
CIElCh	51, 79.259, 347.684
Yxy	19.1733, 0.4235, 0.2183
Android (android.graphics.Color)	4292943256 (0xFFE11D98)
YUV	101.6260, 24.8344, 108.1990
Hunter-Lab	43.7873, 75.0343, -11.9592

Details

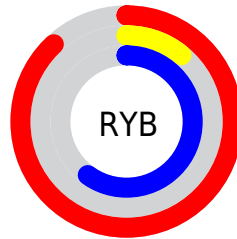
The YIQ color **101.6260, 77.3330, 79.8050** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **152.3740, -77.3330, -79.8050**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1900, 57.5290, 64.2570**, and **60.5500, 65.3230, 66.1790** is the 20% darker color. If you saturate the color by 10%, you get **87.2130, 86.2260, 89.3460**, and if you desaturate by 10%, it is **115.4520, 68.7150, 70.7870**.

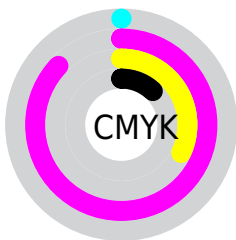
Distribution



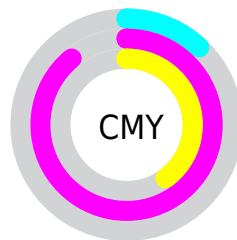
- Red (88%)
- Green (11%)
- Blue (60%)



- Red (88%)
- Yellow (11%)
- Blue (60%)



- Cyan (0%)
- Magenta (87%)
- Yellow (32%)
- Black (12%)




- Cyan (12%)
- Magenta (89%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 101.6260, 77.3330, 79.8050 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 101.6260, 77.3330, 79.8050 by changing the saturation by 10% instead.


 101.6260, 77.3330,
79.8050


 101.6260, 77.3330,
79.8050


255.0000, -0.0000,
-0.0000


 72.6690, 75.7740,
80.5260


 160.1900, 57.5290,
64.2570


 60.5500, 65.3230,
66.1790


 181.1060, 39.9700,
57.5860


 49.1430, 55.7430,
52.5670


 200.9960, 25.3000,
48.1160

 37.5510, 45.2460,
39.0540

 218.6060, 17.0500,
32.4260

 27.0840, 35.8950,
26.7990

 236.2160, 8.8000,
16.7360

 14.9220, 27.0030,
11.7310

253.8260, 0.5500,

 0.0000, 0.0000,

1.0460

0.0000

■ 101.6260, 77.3330,
79.8050

■ 101.6260, 77.3330,
79.8050

■ 87.2130, 86.2260,
89.3460

■ 115.4520, 68.7150,
70.7870

■ 83.3490, 88.8390,
91.5510

■ 129.9790, 59.5010,
61.5570

■ 143.8050, 50.8830,
52.5390

■ 158.3320, 41.6690,
43.3090

■ 172.7450, 32.7760,
33.7680

■ 186.5710, 24.1580,
24.7500

■ 201.0980, 14.9440,
15.5200

■ 214.9240, 6.3260,
6.5020

■ 229.4510, -2.8880,
-2.7280

Harmonies

Analogous

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



121.8980, 11.4970, 61.4890



101.6260, 77.3330, 79.8050



94.3420, 106.7710, 63.9150

Triad

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



101.6260, 77.3330, 79.8050



109.2000, 29.8100, -44.6700



111.4830, -111.3660, -8.1500

Complementary

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



101.6260, 77.3330, 79.8050



152.3740, -77.3330, -79.8050

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.



106.4040, -92.9310, -28.3790



101.6260, 77.3330, 79.8050



83.4680, -39.3710, -73.9550

Square

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



101.6260, 77.3330, 79.8050



114.2260, 71.6200, -20.4440



97.1360, -69.5900, -49.4140



110.0760, -119.8050, 7.1310

Rectangle

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



101.6260, 77.3330, 79.8050



105.9950, 104.9890, 30.1170



97.1360, -69.5900, -49.4140



110.6050, -106.1380, -14.7940

Sweetspot

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



101.6260, 77.3330, 79.8050



213.4080, 26.1750, 26.7430



72.8720, -20.0040, 76.2200



102.8100, 15.8150, 16.2550



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.



101.6260, 77.3330, 79.8050



94.4850, 100.6200, 103.8200



90.5680, 108.4700, 49.6380



105.0870, 4.3090, 4.5090



65.1640, 69.5860, 71.5220



17.7720, 18.9780, 19.5060

Inverse Universe

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



101.6260, 77.3330, 79.8050



94.4850, 100.6200, 103.8200



163.4320, -108.4700, -49.6380



105.0870, 4.3090, 4.5090



65.1640, 69.5860, 71.5220



17.7720, 18.9780, 19.5060

Previews

White Background



This preview shows how the YIQ color 101.6260, 77.3330, 79.8050 looks on a white background.

Color Contrast Check

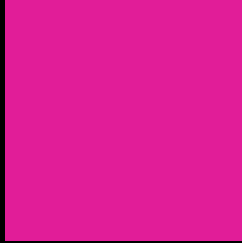
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.6260, 77.3330, 79.8050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

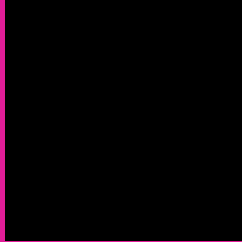
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 101.6260, 77.3330, 79.8050

Background



This preview shows how black text looks on a background with the YIQ color 101.6260, 77.3330, 79.8050.



This preview shows how white text looks on a background with the YIQ color 101.6260, 77.3330,

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

101.6260, 77.3330, 79.8050

Protanopia

117.9410, -53.0970, 20.6550

Deuteranopia

123.1170, -4.4030, 8.2130



Tritanopia

110.6870, 91.4170, 33.7930

Trichromacy



Original Color

101.6260, 77.3330, 79.8050



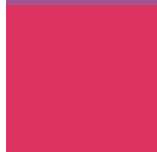
Protanomaly

111.9090, -5.3720, 42.3080



Deuteranomaly

115.2650, 25.4400, 34.5600



Tritanomaly

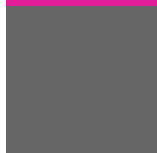
107.1880, 86.2330, 50.6570

Monochromacy



Original Color

101.6260, 77.3330, 79.8050



Achromatopsia

102.0000, -0.0000, -0.0000



Achromatomaly

101.6580, 28.4670, 29.2590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.6260, 77.3330, 79.8050 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(225, 29, 152)` looks like.

```
.text, #text, p{  
    color:rgb(225, 29, 152)  
}
```

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(225, 29, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 29, 152) }
```

Border

The CSS property to change the border of an element to YIQ 101.6260, 77.3330, 79.8050 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(225, 29, 152) }
```


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

```
.border{ border-color:rgb(225, 29, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 29, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 29, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 29, 152);  
box-shadow:4px 4px 4px 4px rgb(225, 29,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 101.6260, 77.3330, 79.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 29, 152) }
```

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

```
.background{ background-color: rgb(225, 29,  
152) }
```

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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