

Converting Colors

YIQ(78.7930, 78.6610, 88.7810)

Have a look what the booklet for
YIQ(78.7930, 78.6610, 88.7810)
contains.

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Color

**YIQ(78.7930, 78.6610,
88.7810)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D1008F |
| RGB | 209, 0, 143 |
| RGB Percent | 82%, 0%, 56% |
| CMY | 0.1798, 0.9998, 0.4390 |
| CMYK | 0.00, 1.00, 0.32, 0.18 |
| HSL | 319°, 100%, 41% |
| HSV | 319°, 100%, 82% |
| XYZ | 31.2986, 15.5619, 27.3611 |
| YIQ | 78.7930, 78.6610, 88.7810 |

Conversions

Conversions Part 2

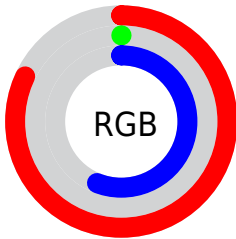
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 209, 0, 143 |
| Decimal | 13697167 |
| CIE _{Lab} | 46.39, 76.33, -18.63 |
| CIE _{LCh} | 46, 78.575, 346.283 |
| Yxy | 15.5619, 0.4217, 0.2097 |
| Android (android.graphics.Color) | 4291887247 (0xFFD1008F) |
| YUV | 78.7930, 31.6541, 114.1915 |
| Hunter-Lab | 39.4485, 72.5878, -13.5090 |

Details

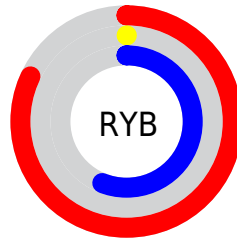
The YIQ color **78.7930, 78.6610, 88.7810** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **130.2070, -78.6610, -88.7810**, and the grayscale version is **78.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.1200, 63.7180, 67.7340**, and **55.1530, 58.9510, 60.5110** is the 20% darker color. If you saturate the color by 10%, you get **78.7930, 78.6610, 88.7810**, and if you desaturate by 10%, it is **91.9180, 70.6390, 79.9750**.

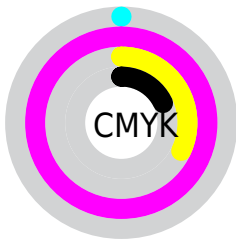
Distribution



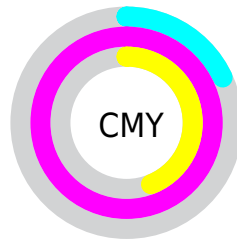
- Red (82%)
- Green (0%)
- Blue (56%)



- Red (82%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (32%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 78.7930, 78.6610, 88.7810 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 78.7930, 78.6610, 88.7810 by changing the saturation by 10% instead.


 78.7930, 78.6610,
88.7810


 78.7930, 78.6610,
88.7810


255.0000, -0.0000,
-0.0000


 66.8590, 69.1270,
74.3350

 152.1200, 63.7180,
67.7340


 55.1530, 58.9510,
60.5110


 172.9220, 46.4800,
60.7520


 43.7460, 49.3710,
46.8990


 193.8380, 28.9210,
54.0810

 32.4530, 39.4700,
33.5980

 211.5620, 20.3500,
38.7020

 21.8010, 29.2020,
21.4420

 229.1720, 12.1000,
23.0120

 9.3830, 18.1550,
6.8830

 246.7820, 3.8500,

 0.0000, 0.0000,

7.3220

0.0000

■ 78.7930, 78.6610,
88.7810

■ 91.9180, 70.6390,
79.9750

■ 104.9290, 62.9380,
70.8580

■ 118.0540, 54.9160,
62.0520

■ 131.0650, 47.2150,
52.9350

■ 144.1900, 39.1930,
44.1290

■ 157.3150, 31.1710,
35.3230

■ 169.7390, 23.7450,
26.7290

■ 182.8640, 15.7230,
17.9230

■ 195.9890, 7.7010,
9.1170

Harmonies

Analogous

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



110.1640, 7.6920, 58.8600



78.7930, 78.6610, 88.7810



74.9710, 106.6780, 71.1100

Triad

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



78.7930, 78.6610, 88.7810



99.4650, 27.7460, -40.3020



102.6150, -102.9300, -6.8500

Complementary

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



78.7930, 78.6610, 88.7810



130.2070, -78.6610, -88.7810

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.



96.9490, -84.2200, -26.5560



78.7930, 78.6610, 88.7810



76.3100, -35.7500, -67.9900

Square

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



78.7930, 78.6610, 88.7810



103.8930, 68.3640, -16.5000



87.9090, -61.5210, -46.9690



101.9090, -111.9650, 8.2190

Rectangle

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



78.7930, 78.6610, 88.7810



91.7330, 102.9710, 33.6510



87.9090, -61.5210, -46.9690



101.7370, -97.7020, -13.4940

Sweetspot

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



78.7930, 78.6610, 88.7810



207.6520, 28.6040, 32.2840



42.6630, -29.5410, 78.3550



99.2880, 17.4650, 19.3930



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.



78.7930, 78.6610, 88.7810



96.0810, 96.1260, 108.1740



67.2790, 111.0820, 57.3700



98.0870, 4.3090, 4.5090



63.3420, 63.2130, 71.3810



15.4510, 15.4480, 17.4000

Inverse Universe

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



78.7930, 78.6610, 88.7810



96.0810, 96.1260, 108.1740



141.7210, -111.0820, -57.3700



98.0870, 4.3090, 4.5090



63.3420, 63.2130, 71.3810



15.4510, 15.4480, 17.4000

Previews

White Background



This preview shows how the YIQ color 78.7930, 78.6610, 88.7810 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 78.7930, 78.6610, 88.7810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

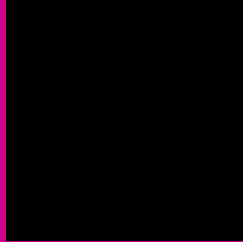
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 78.7930, 78.6610, 88.7810

Background



This preview shows how black text looks on a background with the YIQ color 78.7930, 78.6610, 88.7810.



This preview shows how white text looks on a background with the YIQ color 78.7930, 78.6610,

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

78.7930, 78.6610, 88.7810

Protanopia

106.6740, -56.7190, 20.2170

Deuteranopia

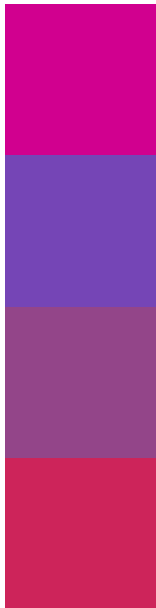
112.6330, -5.9160, 8.1000



Tritanopia

100.2950, 86.6490, 32.0970

Trichromacy



Original Color

78.7930, 78.6610, 88.7810

Protanomaly

96.2340, -7.6650, 45.3190

Deuteranomaly

100.0740, 24.6600, 37.6840

Tritanomaly

92.6870, 83.3900, 52.6220

Monochromacy



Original Color

78.7930, 78.6610, 88.7810

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.6520, 28.6040, 32.2840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.7930, 78.6610, 88.7810 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(209, 0, 143)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 143)  
}
```

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(209, 0, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 143) }
```

Border

The CSS property to change the border of an element to YIQ 78.7930, 78.6610, 88.7810 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(209, 0, 143) }
```


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

```
.border{ border-color:rgb(209, 0, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 0, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 143);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 78.7930, 78.6610, 88.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 143) }
```

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

```
.background{ background-color: rgb(209, 0,  
143) }
```

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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