

# Converting Colors

YIQ(79.8500, 82.5140, 79.5220)

Have a look what the booklet for  
YIQ(79.8500, 82.5140, 79.5220)  
contains.

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# Color

**YIQ(79.8500, 82.5140,  
79.5220)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D0067C
RGB	208, 6, 124
RGB Percent	82%, 2%, 49%
CMY	0.1838, 0.9766, 0.5135
CMYK	0.00, 0.97, 0.40, 0.18
HSL	325°, 94%, 42%
HSV	325°, 97%, 82%
XYZ	29.7583, 15.0156, 20.4186
YIQ	79.8500, 82.5140, 79.5220

# Conversions

## Conversions Part 2

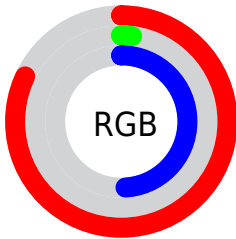
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 6, 124
Decimal	13633148
CIE <sub>Lab</sub>	45.66, 73.76, -8.17
CIE <sub>LCh</sub>	46, 74.211, 353.676
Yxy	15.0156, 0.4565, 0.2303
Android (android.graphics.Color)	4291823228 (0xFFD0067C)
YUV	79.8500, 21.7660, 112.3876
Hunter-Lab	38.7499, 69.2680, -4.1169

# Details

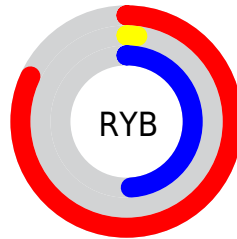
The YIQ color **79.8500, 82.5140, 79.5220** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **134.1500, -82.5140, -79.5220**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **149.7260, 70.4590, 61.2030**, and **52.8020, 64.1330, 54.7010** is the 20% darker color. If you saturate the color by 10%, you get **76.1000, 84.8060, 82.0380**, and if you desaturate by 10%, it is **93.2030, 73.8500, 71.3380**.

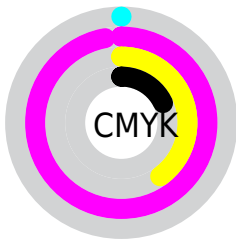
# Distribution



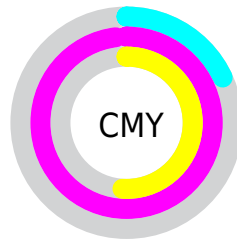
- Red (82%)
- Green (2%)
- Blue (49%)



- Red (82%)
- Yellow (2%)
- Blue (49%)



- Cyan (0%)
- Magenta (97%)
- Yellow (40%)
- Black (18%)




- Cyan (18%)
- Magenta (98%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 79.8500, 82.5140, 79.5220 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 79.8500, 82.5140, 79.5220 by changing the saturation by 10% instead.





 79.8500, 82.5140,  
79.5220


 79.8500, 82.5140,  
79.5220


255.0000, -0.0000,  
-0.0000


 64.5080, 74.3090,  
68.5250


 149.8400, 70.1380,  
61.5140


 52.8020, 64.1330,  
54.7010


 170.5280, 53.2210,  
54.2210


 41.3240, 53.3150,  
41.4990


 191.3300, 35.9830,  
47.2390

 30.2590, 42.7720,  
28.8200

 210.9750, 20.6250,  
39.2250

 18.6950, 35.0720,  
14.1760

 228.5850, 12.3750,  
23.5350

 7.5890, 14.5790,  
5.6110

 246.1950, 4.1250,

 0.0000, 0.0000,

7.8450

0.0000

■ 79.8500, 82.5140,  
79.5220

■ 79.8500, 82.5140,  
79.5220

■ 76.1000, 84.8060,  
82.0380

■ 93.2030, 73.8500,  
71.3380

■ 106.4420, 65.5070,  
62.8430

■ 119.2080, 57.1180,  
55.1820

■ 132.5610, 48.4540,  
46.9980

■ 145.8000, 40.1110,  
38.5030

■ 159.1530, 31.4470,  
30.3190

■ 172.5060, 22.7830,  
22.1350

■ 185.1580, 14.7150,  
14.1630

■ 198.5110, 6.0510,  
5.9790

# Harmonies

## Analogous

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



106.9010, 24.6100, 60.6260



79.8500, 82.5140, 79.5220



85.5330, 98.3830, 50.7270

# Triad

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



79.8500, 82.5140, 79.5220



94.9690, 17.3390, -44.4290



100.6090, -102.7930, -3.8250

# Complementary

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



79.8500, 82.5140, 79.5220



134.1500, -82.5140, -79.5220

# 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.



96.5560, -87.2470, -21.2550



79.8500, 82.5140, 79.5220



78.2310, -42.5370, -60.6250

# Square

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



79.8500, 82.5140, 79.5220



102.0440, 57.4530, -22.5070



88.6730, -66.4280, -40.6360



97.0020, -107.7930, 9.7030



# Rectangle

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



79.8500, 82.5140, 79.5220



95.2290, 95.0420, 17.6500



88.6730, -66.4280, -40.6360



100.0730, -98.5280, -9.5360

# Sweetspot

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



79.8500, 82.5140, 79.5220



208.0280, 30.3010, 29.0610



53.2470, -16.5660, 79.9940



99.4190, 18.4740, 17.6260



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.



79.8500, 82.5140, 79.5220



93.2310, 104.1510, 100.3990



68.6780, 113.9720, 49.0440



97.9730, 4.6300, 4.1980



61.4040, 68.6700, 66.0940



14.9950, 16.7320, 16.1560



# Inverse Universe

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



79.8500, 82.5140, 79.5220



93.2310, 104.1510, 100.3990



145.3220, -113.9720, -49.0440



97.9730, 4.6300, 4.1980



61.4040, 68.6700, 66.0940



14.9950, 16.7320, 16.1560



# Previews

## White Background



This preview shows how the YIQ color 79.8500, 82.5140, 79.5220 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 79.8500, 82.5140, 79.5220 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

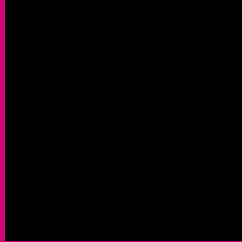
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 79.8500, 82.5140, 79.5220

## Background



This preview shows how black text looks on a background with the YIQ color 79.8500, 82.5140, 79.5220.



This preview shows how white text looks on a background with the YIQ color 79.8500, 82.5140,



# 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

79.8500, 82.5140, 79.5220

### Protanopia

108.2060, -37.9660, 16.2580

### Deuteranopia

111.2010, 3.9880, 4.8200



## Tritanopia

95.5730, 91.7380, 33.4820

# Trichromacy



## Original Color

79.8500, 82.5140, 79.5220



## Protanomaly

97.9610, 6.0450, 39.1410



## Deuteranomaly

99.6910, 32.8680, 32.1000



## Tritanomaly

89.8570, 88.6630, 50.6710

# Monochromacy



## Original Color

79.8500, 82.5140, 79.5220



## Achromatopsia

80.0000, 0.0000, -0.0000



## Achromatomaly

80.0280, 30.3010, 29.0610

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 79.8500, 82.5140, 79.5220 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(208, 6, 124)` looks like.

```
.text, #text, p{  
    color:rgb(208, 6, 124)  
}
```

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(208, 6, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 6, 124) }
```

## Border

The CSS property to change the border of an element to YIQ 79.8500, 82.5140, 79.5220 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(208, 6, 124) }
```



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

```
.border{ border-color:rgb(208, 6, 124) }
```

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

Here you see how a box with a 4 pixel rgb(208, 6, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 6, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 6, 124);  
box-shadow:4px 4px 4px 4px rgb(208, 6,  
124) }
```

# Background

The CSS property to change the background color of an element to YIQ 79.8500, 82.5140, 79.5220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 6, 124) }
```

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

```
.background{ background-color: rgb(208, 6,  
124) }
```

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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