

Converting Colors

YIQ(83.4860, 72.5160, 95.5240)

Have a look what the booklet for
YIQ(83.4860, 72.5160, 95.5240)
contains.

YIQ(83.4860, 72.5160, 95.5240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(83.4860, 72.5160,
95.5240)**

Conversions

Conversions Part 1

Format	Color
Hex	D402A6
RGB	212, 2, 166
RGB Percent	83%, 1%, 65%
CMY	0.1680, 0.9924, 0.3489
CMYK	0.00, 0.99, 0.22, 0.17
HSL	313°, 98%, 42%
HSV	313°, 99%, 83%
XYZ	34.1031, 16.8161, 37.5445
YIQ	83.4860, 72.5160, 95.5240

Conversions

Conversions Part 2

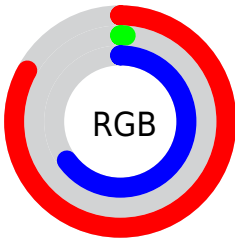
Format	Color
R_{YB}	212, 2, 166
Decimal	13894310
CIE _{Lab}	48.03, 79.31, -29.85
CIE _{LCh}	48, 84.747, 339.373
Yxy	16.8161, 0.3855, 0.1901
Android (android.graphics.Color)	4292084390 (0xFFD402A6)
YUV	83.4860, 40.6794, 112.7068
Hunter-Lab	41.0074, 76.6836, -25.5781

Details

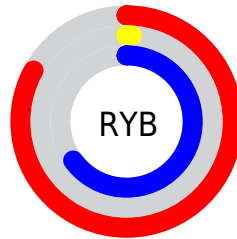
The YIQ color **83.4860, 72.5160, 95.5240** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **130.5140, -72.5160, -95.5240**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **156.0300, 55.4640, 74.1520**, and **58.4440, 53.9980, 67.6780** is the 20% darker color. If you saturate the color by 10%, you get **82.3120, 73.0660, 96.5700**, and if you desaturate by 10%, it is **96.3830, 65.1360, 86.0960**.

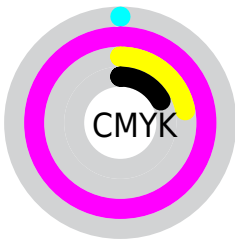
Distribution



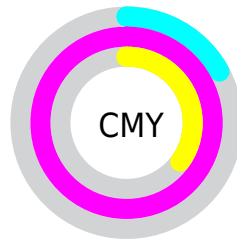
- Red (83%)
- Green (1%)
- Blue (65%)



- Red (83%)
- Yellow (1%)
- Blue (65%)



- Cyan (0%)
- Magenta (99%)
- Yellow (22%)
- Black (17%)





- Cyan (17%)
- Magenta (99%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 83.4860, 72.5160, 95.5240 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 83.4860, 72.5160, 95.5240 by changing the saturation by 10% instead.


 83.4860, 72.5160,
95.5240


 83.4860, 72.5160,
95.5240


255.0000, -0.0000,
-0.0000


 70.2640, 63.8530,
81.8130


 156.0300, 55.4640,
74.1520


 58.4440, 53.9980,
67.6780


 177.5330, 37.6300,
66.9580


 46.9230, 44.7390,
53.7550


 195.7130, 27.7750,
52.8230

 35.5160, 35.1590,
40.1430

 213.3230, 19.5250,
37.1330

 24.9350, 26.1290,
27.5770

 230.9330, 11.2750,
21.4430

 13.3430, 15.6320,
14.0640

 248.5430, 3.0250,

 0.0000, 0.0000,

5.7530

0.0000

■ 83.4860, 72.5160,
95.5240

■ 83.4860, 72.5160,
95.5240

■ 82.3120, 73.0660,
96.5700

■ 96.3830, 65.1360,
86.0960

■ 109.1660, 58.0770,
76.3570

■ 122.6500, 50.4220,
66.4060

■ 135.5470, 43.0420,
56.9780

■ 148.3300, 35.9830,
47.2390

■ 161.2270, 28.6030,
37.8110

■ 174.1240, 21.2230,
28.3830

■ 187.4940, 13.8890,
18.1210

■ 200.3910, 6.5090,
8.6930

Harmonies

Analogous

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



114.5730, -12.5730, 57.1790



83.4860, 72.5160, 95.5240



80.7960, 108.9690, 79.1530

Triad

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



83.4860, 72.5160, 95.5240



104.8470, 38.4740, -36.4860



106.6100, -104.5340, -10.8220

Complementary

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



83.4860, 72.5160, 95.5240



130.5140, -72.5160, -95.5240

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.



99.4450, -82.9810, -32.4930



83.4860, 72.5160, 95.5240



83.1540, -26.4430, -65.9550

Square

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



83.4860, 72.5160, 95.5240



106.6390, 81.0630, -9.8570



88.9060, -57.4390, -54.8710



107.7450, -117.3750, 7.1450

Rectangle

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



83.4860, 72.5160, 95.5240



77.2800, 118.5090, 60.4370



88.9060, -57.4390, -54.8710



104.8030, -98.0680, -17.8760

Sweetspot

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



83.4860, 72.5160, 95.5240



208.4500, 26.3570, 34.4610



39.3950, -40.5900, 74.8500



99.7440, 16.1810, 20.6370



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.



83.4860, 72.5160, 95.5240



98.9310, 88.1010, 115.9490



71.6300, 105.9000, 63.1800



100.3150, 3.6670, 5.1310



66.2910, 59.2230, 77.6150



16.7330, 14.7140, 19.6900

Inverse Universe

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



83.4860, 72.5160, 95.5240



98.9310, 88.1010, 115.9490



142.4840, -106.2210, -62.8690



100.3150, 3.6670, 5.1310



66.2910, 59.2230, 77.6150



16.7330, 14.7140, 19.6900

Previews

White Background



This preview shows how the YIQ color 83.4860, 72.5160, 95.5240 looks on a white background.

Color Contrast Check

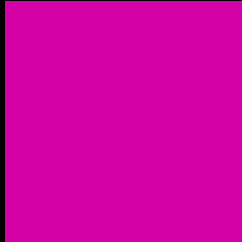
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.4860, 72.5160, 95.5240 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 83.4860, 72.5160, 95.5240

Background



This preview shows how black text looks on a background with the YIQ color 83.4860, 72.5160, 95.5240.



This preview shows how white text looks on a background with the YIQ color 83.4860, 72.5160, 95.5240.

95.5240.

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

83.4860, 72.5160, 95.5240

Protanopia

99.2260, -93.4440, 19.4840

Deuteranopia

116.0970, -18.8460, 11.1540



Tritanopia

107.0170, 81.5600, 30.7120

Trichromacy



Original Color

83.4860, 72.5160, 95.5240



Protanomaly

93.5270, -33.2950, 47.2570



Deuteranomaly

104.1470, 14.3890, 42.1090



Tritanomaly

98.4030, 78.4380, 54.2620

Monochromacy



Original Color

83.4860, 72.5160, 95.5240



Achromatopsia

83.0000, -0.0000, 0.0000



Achromatomaly

83.4500, 26.3570, 34.4610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.4860, 72.5160, 95.5240 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(212, 2, 166)` looks like.

```
.text, #text, p{  
    color:rgb(212, 2, 166)  
}
```

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(212, 2, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 2, 166) }
```

Border

The CSS property to change the border of an element to YIQ 83.4860, 72.5160, 95.5240 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(212, 2, 166) }
```


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

```
.border{ border-color:rgb(212, 2, 166) }
```

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

Here you see how a box with a 4 pixel rgb(212, 2, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 2, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 2, 166);  
box-shadow:4px 4px 4px 4px rgb(212, 2,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 83.4860, 72.5160, 95.5240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 2, 166) }
```

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

```
.background{ background-color: rgb(212, 2,  
166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor