

Converting Colors

YIQ(85.4610, 73.6640, 85.7280)

Have a look what the booklet for
YIQ(85.4610, 73.6640, 85.7280)
contains.

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Color

**YIQ(85.4610, 73.6640,
85.7280)**

Conversions

Conversions Part 1

Format	Color
Hex	D10A96
RGB	209, 10, 150
RGB Percent	82%, 4%, 59%
CMY	0.1798, 0.9610, 0.4116
CMYK	0.00, 0.95, 0.28, 0.18
HSL	318°, 91%, 43%
HSV	318°, 95%, 82%
XYZ	31.9514, 15.9950, 30.2773
YIQ	85.4610, 73.6640, 85.7280

Conversions

Conversions Part 2

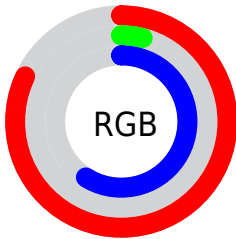
Format	Color
R_{YB}	209, 10, 150
Decimal	13699734
CIE _{Lab}	46.97, 76.25, -21.98
CIE _{LCh}	47, 79.350, 343.922
Yxy	15.9950, 0.4085, 0.2045
Android (android.graphics.Color)	4291889814 (0xFFD10A96)
YUV	85.4610, 31.8177, 108.3437
Hunter-Lab	39.9937, 72.6166, -16.8900

Details

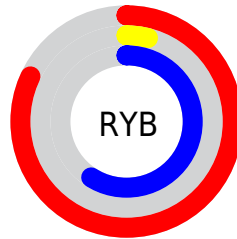
The YIQ color **85.4610, 73.6640, 85.7280** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **133.5390, -73.6640, -85.7280**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.0920, 60.9210, 68.8650**, and **55.8370, 57.0250, 62.3770** is the 20% darker color. If you saturate the color by 10%, you get **79.2490, 77.3770, 90.0250**, and if you desaturate by 10%, it is **98.4720, 65.9630, 76.6110**.

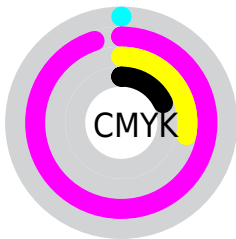
Distribution



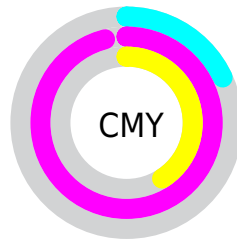
- Red (82%)
- Green (4%)
- Blue (59%)



- Red (82%)
- Yellow (4%)
- Blue (59%)



- Cyan (0%)
- Magenta (95%)
- Yellow (28%)
- Black (18%)





- Cyan (18%)
- Magenta (96%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 85.4610, 73.6640, 85.7280 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 85.4610, 73.6640, 85.7280 by changing the saturation by 10% instead.


 85.4610, 73.6640,
85.7280


 85.4610, 73.6640,
85.7280


255.0000, -0.0000,
-0.0000


 67.6570, 66.8800,
76.5120


 154.0920, 60.9210,
68.8650

 55.8370, 57.0250,
62.3770


 175.5950, 43.0870,
61.6710


 44.4300, 47.4450,
48.7650


 195.1260, 28.0500,
53.3460

 33.1370, 37.5440,
35.4640

 212.7360, 19.8000,
37.6560

 22.6700, 28.1930,
23.2090

 230.3460, 11.5500,
21.9660

 10.2800, 19.9430,
7.5190

 247.9560, 3.3000,

 0.0000, 0.0000,

6.2760

0.0000

■ 85.4610, 73.6640,
85.7280

■ 85.4610, 73.6640,
85.7280

■ 79.2490, 77.3770,
90.0250

■ 98.4720, 65.9630,
76.6110

■ 111.4830, 58.2620,
67.4940

■ 124.6080, 50.2400,
58.6880

■ 137.6190, 42.5390,
49.5710

■ 150.6300, 34.8380,
40.4540

■ 163.0540, 27.4120,
31.8600

■ 176.0650, 19.7110,
22.7430

■ 189.1900, 11.6890,
13.9370

■ 202.2010, 3.9880,
4.8200

Harmonies

Analogous

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



112.4020, 1.0900, 57.3620



85.4610, 73.6640, 85.7280



76.5520, 106.5400, 73.6120

Triad

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



85.4610, 73.6640, 85.7280



101.5580, 31.9180, -38.8180



104.2620, -103.4340, -8.7300

Complementary

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



85.4610, 73.6640, 85.7280



133.5390, -73.6640, -85.7280

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.



97.7810, -83.8070, -28.5350



85.4610, 73.6640, 85.7280



76.8970, -36.0250, -68.5130

Square

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



85.4610, 73.6640, 85.7280



105.1000, 72.2150, -14.7050



88.6270, -60.7870, -49.2590



103.1970, -112.8360, 7.4840

Rectangle

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



85.4610, 73.6640, 85.7280



90.6780, 104.8040, 38.9800



88.6270, -60.7870, -49.2590



102.6830, -97.6100, -15.1620

Sweetspot

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



85.4610, 73.6640, 85.7280



209.0540, 27.4120, 31.8600



49.4300, -30.5030, 73.7610



99.9890, 16.8690, 19.1810



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.



85.4610, 73.6640, 85.7280



96.6510, 94.5210, 109.7290



74.4030, 104.8010, 55.5610



98.0870, 4.3090, 4.5090



63.6840, 62.2500, 72.3140



15.5650, 15.1270, 17.7110

Inverse Universe

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



85.4610, 73.6640, 85.7280



96.6510, 94.5210, 109.7290



144.5970, -104.8010, -55.5610



98.0870, 4.3090, 4.5090



63.6840, 62.2500, 72.3140



15.5650, 15.1270, 17.7110

Previews

White Background



This preview shows how the YIQ color 85.4610, 73.6640, 85.7280 looks on a white background.

Color Contrast Check

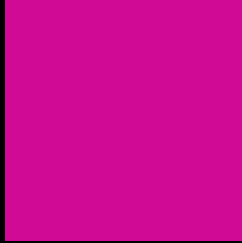
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.4610, 73.6640, 85.7280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

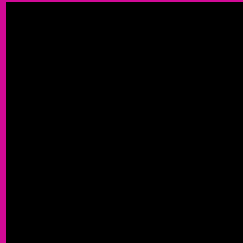
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.4610, 73.6640, 85.7280

Background



This preview shows how black text looks on a background with the YIQ color 85.4610, 73.6640, 85.7280.



This preview shows how white text looks on a background with the YIQ color 85.4610, 73.6640,

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

85.4610, 73.6640, 85.7280

Protanopia

105.8950, -64.6510, 20.7970

Deuteranopia

114.0070, -9.9050, 8.8070



Tritanopia

102.9850, 84.5860, 30.9380

Trichromacy



Original Color

85.4610, 73.6640, 85.7280



Protanomaly

98.5860, -14.5880, 44.1320



Deuteranomaly

103.5080, 20.4420, 37.0340



Tritanomaly

96.6650, 80.4560, 50.7280

Monochromacy



Original Color

85.4610, 73.6640, 85.7280



Achromatopsia

85.0000, -0.0000, 0.0000



Achromatomaly

85.3420, 26.5410, 31.1250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.4610, 73.6640, 85.7280 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, 10, 150)` looks like.

```
.text, #text, p{  
    color:rgb(209, 10, 150)  
}
```

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, 10, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 10, 150) }
```

Border

The CSS property to change the border of an element to YIQ 85.4610, 73.6640, 85.7280 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, 10, 150) }
```


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

```
.border{ border-color:rgb(209, 10, 150) }
```

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

Here you see how a box with a 4 pixel rgb(209, 10, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 10, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 10, 150);  
box-shadow:4px 4px 4px 4px rgb(209, 10,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 85.4610, 73.6640, 85.7280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 10, 150) }
```

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

```
.background{ background-color: rgb(209, 10,  
150) }
```

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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