

Converting Colors

YIQ(85.6090, 66.8350, 71.8190)

Have a look what the booklet for
YIQ(85.6090, 66.8350, 71.8190)
contains.

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Color

**YIQ(85.6090, 66.8350,
71.8190)**

Conversions

Conversions Part 1

Format	Color
Hex	C21586
RGB	194, 21, 134
RGB Percent	76%, 8%, 53%
CMY	0.2387, 0.9179, 0.4743
CMYK	0.00, 0.89, 0.31, 0.24
HSL	321°, 81%, 42%
HSV	321°, 89%, 76%
XYZ	26.8528, 13.7418, 23.8080
YIQ	85.6090, 66.8350, 71.8190

Conversions

Conversions Part 2

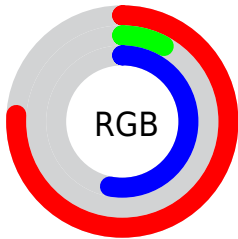
Format	Color
R_{YB}	194, 21, 134
Decimal	12719494
CIE _{Lab}	43.86, 70.07, -17.28
CIE _{LCh}	44, 72.167, 346.144
Yxy	13.7418, 0.4170, 0.2134
Android (android.graphics.Color)	4290909574 (0xFFC21586)
YUV	85.6090, 23.8568, 95.0589
Hunter-Lab	37.0699, 64.4299, -12.1298

Details

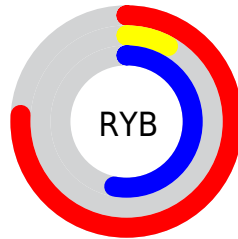
The YIQ color **85.6090, 66.8350, 71.8190** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **129.3910, -66.8350, -71.8190**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1540, 66.3780, 63.5780**, and **49.9410, 53.4960, 54.7440** is the 20% darker color. If you saturate the color by 10%, you get **73.6580, 74.3070, 79.5790**, and if you desaturate by 10%, it is **97.5600, 59.3630, 64.0590**.

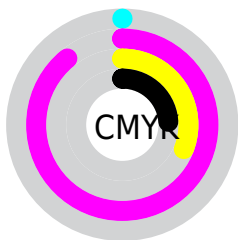
Distribution



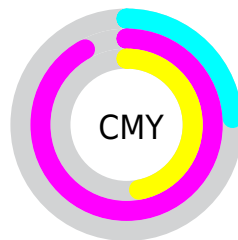
- Red (76%)
- Green (8%)
- Blue (53%)



- Red (76%)
- Yellow (8%)
- Blue (53%)



- Cyan (0%)
- Magenta (89%)
- Yellow (31%)
- Black (24%)





- Cyan (24%)
- Magenta (92%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 85.6090, 66.8350, 71.8190 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 85.6090, 66.8350, 71.8190 by changing the saturation by 10% instead.


 85.6090, 66.8350,
71.8190


 85.6090, 66.8350,
71.8190


255.0000, -0.0000,
-0.0000


 61.4620, 62.7550,
68.6670


 152.1540, 66.3780,
63.5780


 49.9410, 53.4960,
54.7440


 172.3690, 49.4150,
57.1190


 38.6480, 43.5950,
41.4430


 192.6980, 32.1310,
50.9710

 27.7680, 33.9690,
28.6650

 211.5620, 20.3500,
38.7020

 17.1870, 24.9390,
16.0990

 228.5850, 12.3750,
23.5350

 0.2990, 0.5960,
0.2120

 246.1950, 4.1250,

 0.0000, 0.0000,

7.8450

0.0000

■ 85.6090, 66.8350,
71.8190

■ 85.6090, 66.8350,
71.8190

■ 73.6580, 74.3070,
79.5790

■ 97.5600, 59.3630,
64.0590

■ 72.4840, 74.8570,
80.6250

■ 110.0980, 51.6160,
55.7760

■ 121.9350, 44.4650,
47.7050

■ 134.4730, 36.7180,
39.4220

■ 146.4240, 29.2460,
31.6620

■ 158.2610, 22.0950,
23.5910

■ 170.7990, 14.3480,
15.3080

■ 182.7500, 6.8760,
7.5480

■ 195.2880, -0.8710,
-0.7350

Harmonies

Analogous

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



104.4040, 6.7760, 53.4320



85.6090, 66.8350, 71.8190



75.4270, 96.2260, 62.2900

Triad

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



85.6090, 66.8350, 71.8190



94.1600, 27.2870, -37.4890



96.2090, -95.9150, -7.3310

Complementary

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



85.6090, 66.8350, 71.8190



129.3910, -66.8350, -71.8190

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.



91.2270, -79.1310, -25.1710



85.6090, 66.8350, 71.8190



71.6140, -33.5500, -63.8060

Square

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



85.6090, 66.8350, 71.8190



97.9680, 63.7790, -16.0050



82.8710, -58.3580, -43.7180



95.0470, -103.6660, 6.4940

Rectangle

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



85.6090, 66.8350, 71.8190



89.1230, 92.8850, 29.2130



82.8710, -58.3580, -43.7180



94.9720, -91.0540, -12.8300

Sweetspot

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



85.6090, 66.8350, 71.8190



209.4620, 26.0830, 28.4110



58.0640, -20.9650, 66.0990



102.2230, 16.0900, 16.7780



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.



85.6090, 66.8350, 71.8190



94.1580, 97.2270, 104.7390



76.0330, 93.7990, 45.6950



90.7880, 3.7130, 4.2970



60.1090, 62.2510, 66.7870



12.3750, 12.6060, 13.8380

Inverse Universe

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



85.6090, 66.8350, 71.8190



94.1580, 97.2270, 104.7390



138.9670, -93.7990, -45.6950



90.7880, 3.7130, 4.2970



60.1090, 62.2510, 66.7870



12.3750, 12.6060, 13.8380

Previews

White Background



This preview shows how the YIQ color 85.6090, 66.8350, 71.8190 looks on a white background.

Color Contrast Check

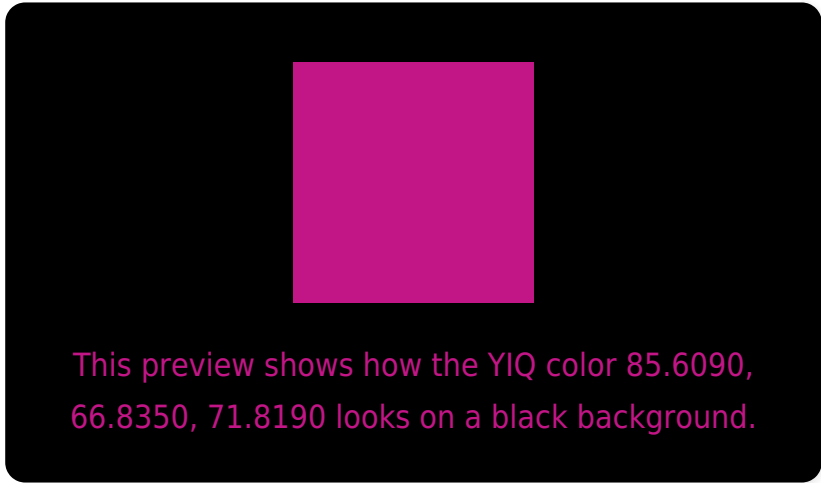
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

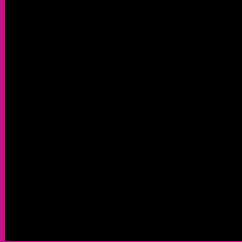
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.6090, 66.8350, 71.8190

Background



This preview shows how black text looks on a background with the YIQ color 85.6090, 66.8350, 71.8190.



This preview shows how white text looks on a background with the YIQ color 85.6090, 66.8350,

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

85.6090, 66.8350, 71.8190

Protanopia

100.4420, -50.2540, 18.6900

Deuteranopia

106.1060, -5.8700, 7.2660



Tritanopia

95.4080, 78.9010, 29.3410

Trichromacy



Original Color

85.6090, 66.8350, 71.8190

Protanomaly

95.1920, -7.8470, 37.6010

Deuteranomaly

98.4060, 20.4890, 30.6730

Tritanomaly

92.1540, 74.4050, 44.7490

Monochromacy



Original Color

85.6090, 66.8350, 71.8190

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

85.5110, 24.3870, 26.1070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.6090, 66.8350, 71.8190 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(194, 21, 134)` looks like.

```
.text, #text, p{  
    color:rgb(194, 21, 134)  
}
```

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(194, 21, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 21, 134) }
```

Border

The CSS property to change the border of an element to YIQ 85.6090, 66.8350, 71.8190 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(194, 21, 134) }
```


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

```
.border{ border-color:rgb(194, 21, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 21, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 21, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 21, 134);  
box-shadow:4px 4px 4px 4px rgb(194, 21,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 85.6090, 66.8350, 71.8190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 21, 134) }
```

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

```
.background{ background-color: rgb(194, 21,  
134) }
```

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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