

Converting Colors

YIQ(166.6380, 40.3870, 33.4990)

Have a look what the booklet for
YIQ(166.6380, 40.3870, 33.4990)
contains.

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Color

**YIQ(166.6380, 40.3870,
33.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	E286B3
RGB	226, 134, 179
RGB Percent	89%, 53%, 70%
CMY	0.1135, 0.4746, 0.2979
CMYK	0.00, 0.41, 0.21, 0.11
HSL	331°, 61%, 71%
HSV	331°, 41%, 89%
XYZ	48.0435, 36.4744, 47.1729
YIQ	166.6380, 40.3870, 33.4990

Conversions

Conversions Part 2

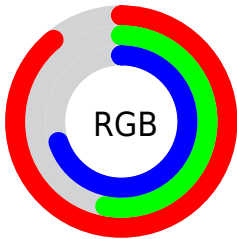
Format	Color
R _Y B	226, 134, 179
Decimal	14845619
CIE Lab	66.88, 41.05, -8.44
CIE LCh	67, 41.906, 348.384
Yxy	36.4744, 0.3648, 0.2770
Android (android.graphics.Color)	4293035699 (0xFFE286B3)
YUV	166.6380, 6.0945, 52.0605
Hunter-Lab	60.3941, 36.3071, -4.0347

Details

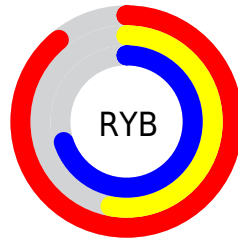
The YIQ color **166.6380, 40.3870, 33.4990** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **193.3620, -40.3870, -33.4990**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.9780, 24.5700, 28.2980**, and **113.0290, 37.7280, 32.1280** is the 20% darker color. If you saturate the color by 10%, you get **151.7690, 50.5640, 41.7960**, and if you desaturate by 10%, it is **181.5070, 30.2100, 25.2020**.

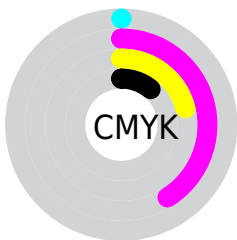
Distribution



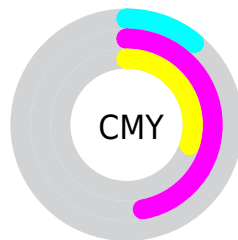
- Red (89%)
- Green (53%)
- Blue (70%)



- Red (89%)
- Yellow (53%)
- Blue (70%)



- Cyan (0%)
- Magenta (41%)
- Yellow (21%)
- Black (11%)



- Cyan (11%)
- Magenta (47%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.6380, 40.3870, 33.4990 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 166.6380, 40.3870, 33.4990 by changing the saturation by 10% instead.

166.6380, 40.3870,
33.4990

166.6380, 40.3870,
33.4990

255.0000, -0.0000,
-0.0000

139.6270, 38.9200,
32.5520

213.9780, 24.5700,
28.2980

113.0290, 37.7280,
32.1280

232.6940, 10.4500,
19.8740

86.5450, 36.2150,
32.0150

249.7170, 2.4750,
4.7070

60.4740, 34.9770,
32.4250

32.5820, 34.7930,
35.7610

22.3000, 26.3590,
23.4070

12.9860, 20.9510,

11.2790

■ 0.0000, 0.0000,
0.0000

■ 166.6380, 40.3870,
33.4990

■ 166.6380, 40.3870,
33.4990

■ 151.7690, 50.5640,
41.7960

■ 181.5070, 30.2100,
25.2020

■ 137.6010, 60.1450,
49.8810

■ 195.6750, 20.6290,
17.1170

■ 122.7320, 70.3220,
58.1780

■ 210.5440, 10.4520,
8.8200

■ 108.5640, 79.9030,
66.2630

■ 224.7120, 0.8710,
0.7350

■ 93.6950, 90.0800,
74.5600

■ 239.5810, -9.3060,
-7.5620

■ 80.2280, 99.0650,
82.4330

■ 245.5310,
-15.0370, -8.3250

■ 246.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



167.1150, 8.2470, 32.2710



166.6380, 40.3870, 33.4990



164.4100, 58.2240, 24.1120

Triad

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



166.6380, 40.3870, 33.4990



157.4990, 22.3790, -25.6290



129.9250, -119.2030, -25.8190

Complementary

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



166.6380, 40.3870, 33.4990



193.3620, -40.3870, -33.4990

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.



127.9240, -109.4350, -37.6510



166.6380, 40.3870, 33.4990



152.4330, -12.7860, -32.6100

Square

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



166.6380, 40.3870, 33.4990



160.5180, 47.7310, -11.5090



142.9130, -58.1760, -36.0000



148.5100, -80.4650, -0.9850

Rectangle

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



166.6380, 40.3870, 33.4990



163.2280, 61.2520, 13.2840



142.9130, -58.1760, -36.0000



129.9590, -116.5430, -29.9750

Sweetspot

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



166.6380, 40.3870, 33.4990



234.9790, 13.6610, 11.2370



158.2420, -2.1160, 38.3640



116.2940, 8.1600, 6.3040



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.



166.6380, 40.3870, 33.4990



174.3290, 54.9190, 45.4710



161.5080, 54.8320, 19.5040



104.8590, 4.9510, 3.8870



62.4280, 77.2900, 64.0580



17.0880, 20.9040, 17.6400

Inverse Universe

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



166.6380, 40.3870, 33.4990



174.3290, 54.9190, 45.4710



198.4920, -54.8320, -19.5040



104.8590, 4.9510, 3.8870



62.4280, 77.2900, 64.0580



17.0880, 20.9040, 17.6400

Previews

White Background



This preview shows how the YIQ color 166.6380, 40.3870, 33.4990 looks on a white background.

Color Contrast Check

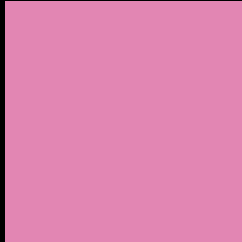
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 166.6380, 40.3870, 33.4990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

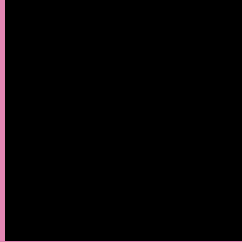
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.6380, 40.3870, 33.4990

Background



This preview shows how black text looks on a background with the YIQ color 166.6380, 40.3870, 33.4990.



This preview shows how white text looks on a background with the YIQ color 166.6380, 40.3870,

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

166.6380, 40.3870, 33.4990

Protanopia

163.8970, -15.4070, 9.4010

Deuteranopia

164.7220, 4.0790, 8.6790



Tritanopia

165.3700, 46.5330, 21.2290

Trichromacy



Original Color

166.6380, 40.3870, 33.4990

Protanomaly

165.0030, 5.0860, 17.9660

Deuteranomaly

165.2340, 17.5570, 17.7250

Tritanomaly

165.7490, 44.1480, 25.9080

Monochromacy



Original Color

166.6380, 40.3870, 33.4990

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.6910, 14.5320, 11.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.6380, 40.3870, 33.4990 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(226, 134, 179)` looks like.

```
.text, #text, p{  
    color:rgb(226, 134, 179)  
}
```

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(226, 134, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 134, 179) }
```

Border

The CSS property to change the border of an element to YIQ 166.6380, 40.3870, 33.4990 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(226, 134, 179) }
```


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

```
.border{ border-color:rgb(226, 134, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 134, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 134, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 134, 179);  
box-shadow:4px 4px 4px 4px rgb(226, 134,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 166.6380, 40.3870, 33.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 134, 179) }
```

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

```
.background{ background-color: rgb(226,  
134, 179) }
```

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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