

Converting Colors

YIQ(165.8240, 39.5630, 26.4030)

Have a look what the booklet for
YIQ(165.8240, 39.5630, 26.4030)
contains.

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Color

**YIQ(165.8240, 39.5630,
26.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8AA7
RGB	220, 138, 167
RGB Percent	86%, 54%, 65%
CMY	0.1370, 0.4589, 0.3450
CMYK	0.00, 0.37, 0.24, 0.14
HSL	339°, 54%, 70%
HSV	339°, 37%, 86%
XYZ	45.5934, 36.1825, 41.1567
YIQ	165.8240, 39.5630, 26.4030

Conversions

Conversions Part 2

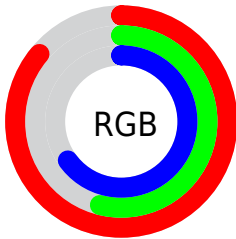
Format	Color
R _{YB}	220, 138, 167
Decimal	14453415
CIE _{Lab}	66.66, 35.11, -2.09
CIE _{LCh}	67, 35.176, 356.591
Yxy	36.1825, 0.3709, 0.2943
Android (android.graphics.Color)	4292643495 (0xFFDC8AA7)
YUV	165.8240, 0.5798, 47.5124
Hunter-Lab	60.1519, 30.0321, 1.5393

Details

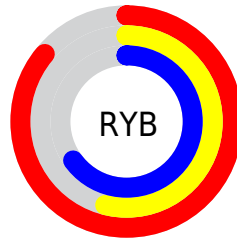
The YIQ color **165.8240, 39.5630, 26.4030** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **192.1760, -39.5630, -26.4030**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2570, 27.9180, 22.6860**, and **112.3290, 36.5830, 25.3430** is the 20% darker color. If you saturate the color by 10%, you get **151.3140, 50.1070, 33.5550**, and if you desaturate by 10%, it is **180.3340, 29.0190, 19.2510**.

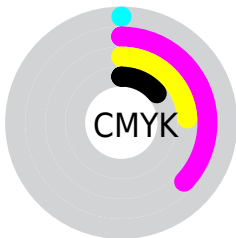
Distribution



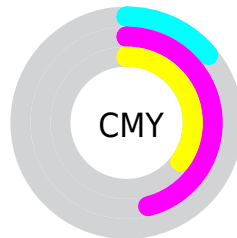
- Red (86%)
- Green (54%)
- Blue (65%)



- Red (86%)
- Yellow (54%)
- Blue (65%)



- Cyan (0%)
- Magenta (37%)
- Yellow (24%)
- Black (14%)





- Cyan (14%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.8240, 39.5630, 26.4030 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 165.8240, 39.5630, 26.4030 by changing the saturation by 10% instead.


 165.8240, 39.5630,
26.4030


 165.8240, 39.5630,
26.4030


255.0000, -0.0000,
-0.0000


 138.9270, 37.7750,
25.7670


 214.2570, 27.9180,
22.6860


 112.3290, 36.5830,
25.3430


 234.5860, 10.6340,
16.5380

 86.8450, 35.0700,
25.2300

 252.0650, 1.3750,
2.6150

 61.9480, 33.2820,
24.5940

 35.8170, 32.2730,
26.3610

 20.1920, 26.5430,
20.0710

 10.2800, 19.9430,

7.5190

■ 0.0000, 0.0000,
0.0000

■ 165.8240, 39.5630,
26.4030

■ 165.8240, 39.5630,
26.4030

■ 151.3140, 50.1070,
33.5550

■ 180.3340, 29.0190,
19.2510

■ 136.8040, 60.6510,
40.7070

■ 194.8440, 18.4750,
12.0990

■ 122.1800, 71.5160,
47.5480

■ 209.4680, 7.6100,
5.2580

■ 107.6700, 82.0600,
54.7000

■ 223.9780, -2.9340,
-1.8940

■ 93.1600, 92.6040,
61.8520

■ 238.4880,
-13.4780, -9.0460

■ 78.6500, 103.1480,
69.0040

■ 244.1930,
-19.8970, -8.3530

■ 74.6720, 106.0820,
70.8980

■ 244.5350,
-20.8600, -7.4200

Harmonies

Analogous

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



166.4870, 15.7670, 28.1430



165.8240, 39.5630, 26.4030



164.5460, 51.6690, 16.2530

Triad

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



165.8240, 39.5630, 26.4030



157.2190, 11.6040, -23.0840



143.8760, -81.9760, -12.1520

Complementary

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



165.8240, 39.5630, 26.4030



192.1760, -39.5630, -26.4030

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.



137.9810, -87.2460, -26.7820



165.8240, 39.5630, 26.4030



152.6590, -19.1140, -28.0580

Square

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



165.8240, 39.5630, 26.4030



160.2330, 35.3520, -12.9360



145.6950, -54.3260, -28.6780



156.2810, -51.7190, 6.6890

Rectangle

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



165.8240, 39.5630, 26.4030



163.4500, 51.5790, 6.8670



145.6950, -54.3260, -28.6780



139.7670, -89.2190, -18.5550

Sweetspot

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



165.8240, 39.5630, 26.4030



236.5120, 13.4780, 9.0460



162.8960, 4.6700, 36.5260



116.7670, 8.2060, 5.4700



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.



165.8240, 39.5630, 26.4030



179.0590, 55.3790, 37.1310



168.9750, 45.8470, 11.6310



102.7450, 5.2720, 3.5760



58.6810, 83.5270, 55.6470



15.5780, 22.2800, 14.7280

Inverse Universe

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



165.8240, 39.5630, 26.4030



179.0590, 55.3790, 37.1310



189.0250, -45.8470, -11.6310



102.7450, 5.2720, 3.5760



58.6810, 83.5270, 55.6470



15.5780, 22.2800, 14.7280

Previews

White Background



This preview shows how the YIQ color 165.8240, 39.5630, 26.4030 looks on a white background.

Color Contrast Check

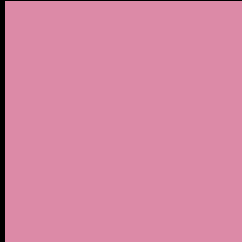
Large Text (above 18pt) WCAG AA × Fail

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 165.8240, 39.5630, 26.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

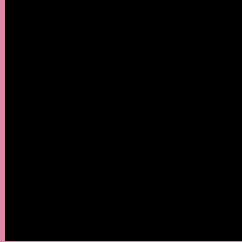
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.8240, 39.5630, 26.4030

Background



This preview shows how black text looks on a background with the YIQ color 165.8240, 39.5630, 26.4030.



This preview shows how white text looks on a background with the YIQ color 165.8240, 39.5630,

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

165.8240, 39.5630, 26.4030

Protanopia

162.9810, -7.0160, 6.0080

Deuteranopia

164.0770, 10.2690, 6.6290



Tritanopia

165.1630, 42.6820, 19.4340

Trichromacy



Original Color

165.8240, 39.5630, 26.4030

Protanomaly

164.2930, 9.9010, 13.3010

Deuteranomaly

164.5670, 20.8130, 13.7810

Tritanomaly

165.5590, 41.6270, 22.0350

Monochromacy



Original Color

165.8240, 39.5630, 26.4030

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.1100, 14.6700, 9.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.8240, 39.5630, 26.4030 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(220, 138, 167)` looks like.

```
.text, #text, p{  
    color:rgb(220, 138, 167)  
}
```

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(220, 138, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 138, 167) }
```

Border

The CSS property to change the border of an element to YIQ 165.8240, 39.5630, 26.4030 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(220, 138, 167) }
```


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

```
.border{ border-color:rgb(220, 138, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 138, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 138, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 138, 167);  
box-shadow:4px 4px 4px 4px rgb(220, 138,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 165.8240, 39.5630, 26.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 138, 167) }
```

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

```
.background{ background-color: rgb(220,  
138, 167) }
```

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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