

Converting Colors

YIQ(166.8350, 41.0300, 27.3500)

Have a look what the booklet for
YIQ(166.8350, 41.0300, 27.3500)
contains.

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Color

**YIQ(166.8350, 41.0300,
27.3500)**

Conversions

Conversions Part 1

Format	Color
Hex	DF8AA8
RGB	223, 138, 168
RGB Percent	87%, 54%, 66%
CMY	0.1253, 0.4589, 0.3410
CMYK	0.00, 0.38, 0.25, 0.13
HSL	339°, 57%, 71%
HSV	339°, 38%, 87%
XYZ	46.6034, 36.6921, 41.6892
YIQ	166.8350, 41.0300, 27.3500

Conversions

Conversions Part 2

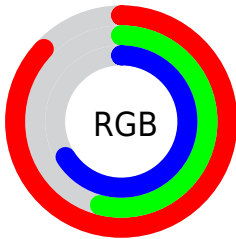
Format	Color
R _Y B	223, 138, 168
Decimal	14650024
CIE Lab	67.05, 36.32, -2.05
CIE LCh	67, 36.376, 356.775
Yxy	36.6921, 0.3729, 0.2936
Android (android.graphics.Color)	4292840104 (0xFFDF8AA8)
YUV	166.8350, 0.5743, 49.2567
Hunter-Lab	60.5740, 31.3265, 1.5963

Details

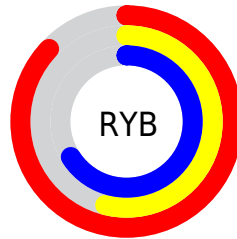
The YIQ color **166.8350, 41.0300, 27.3500** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **194.1650, -41.0300, -27.3500**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.9580, 27.3220, 22.4740**, and **113.3400, 38.0500, 26.2900** is the 20% darker color. If you saturate the color by 10%, you get **152.3250, 51.5740, 34.5020**, and if you desaturate by 10%, it is **181.3450, 30.4860, 20.1980**.

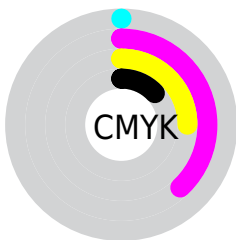
Distribution



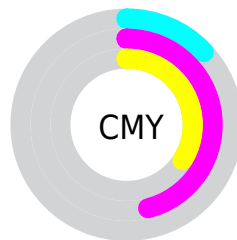
- Red (87%)
- Green (54%)
- Blue (66%)



- Red (87%)
- Yellow (54%)
- Blue (66%)



- Cyan (0%)
- Magenta (38%)
- Yellow (25%)
- Black (13%)





- Cyan (13%)
- Magenta (46%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.8350, 41.0300, 27.3500 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 166.8350, 41.0300, 27.3500 by changing the saturation by 10% instead.

 166.8350, 41.0300,
27.3500

 166.8350, 41.0300,
27.3500


255.0000, -0.0000,
-0.0000


 139.9380, 39.2420,
26.7140


 214.9580, 27.3220,
22.4740


 113.3400, 38.0500,
26.2900


 234.7000, 10.3130,
16.8490

 87.5570, 35.9410,
25.9650

 252.0650, 1.3750,
2.6150

 62.0730, 34.4280,
25.8520

 35.3550, 33.6940,
28.1420

 20.7900, 27.7350,
20.4950

 11.1770, 21.7310,

8.1550

■ 0.0000, 0.0000,
0.0000

■ 166.8350, 41.0300,
27.3500

■ 166.8350, 41.0300,
27.3500

■ 152.3250, 51.5740,
34.5020

■ 181.3450, 30.4860,
20.1980

■ 137.1140, 62.7140,
41.8660

■ 196.5560, 19.3460,
12.8340

■ 122.6040, 73.2580,
49.0180

■ 211.0660, 8.8020,
5.6820

■ 107.9800, 84.1230,
55.8590

■ 225.6900, -2.0630,
-1.1590

■ 92.8830, 94.9420,
63.5340

■ 240.2000,
-12.6070, -8.3110

■ 78.2590, 105.8070,
70.3750

■ 245.4320,
-19.0720, -6.7840

■ 75.6830, 107.5490,
71.8450

Harmonies

Analogous

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



167.9000, 16.0420, 28.6660



166.8350, 41.0300, 27.3500



165.1440, 52.8610, 16.6770

Triad

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



166.8350, 41.0300, 27.3500



157.9910, 12.2460, -23.7060



143.2990, -87.6610, -13.7490

Complementary

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



166.8350, 41.0300, 27.3500



194.1650, -41.0300, -27.3500

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.



135.0230, -96.2320, -29.1280



166.8350, 41.0300, 27.3500



152.9470, -19.9850, -28.7930

Square

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



166.8350, 41.0300, 27.3500



161.1900, 36.9110, -13.6570



145.2000, -57.3060, -29.7380



156.6120, -54.1490, 6.6750

Rectangle

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



166.8350, 41.0300, 27.3500



163.9340, 53.0920, 6.9800



145.2000, -57.3060, -29.7380



137.9940, -97.2880, -21.0000

Sweetspot

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



166.8350, 41.0300, 27.3500



236.5120, 13.4780, 9.0460



163.8360, 4.8990, 37.8830



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.



166.8350, 41.0300, 27.3500



177.6570, 56.5710, 37.5550



169.8720, 47.6350, 12.2670



104.7450, 5.2720, 3.5760



59.6920, 84.9940, 56.5940



16.2900, 23.1510, 15.4630

Inverse Universe

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



166.8350, 41.0300, 27.3500



177.6570, 56.5710, 37.5550



191.1280, -47.6350, -12.2670



104.7450, 5.2720, 3.5760



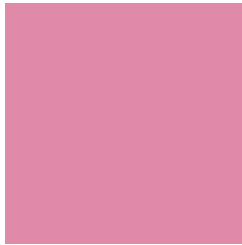
59.6920, 84.9940, 56.5940



16.2900, 23.1510, 15.4630

Previews

White Background



This preview shows how the YIQ color 166.8350, 41.0300, 27.3500 looks on a white background.

Color Contrast Check

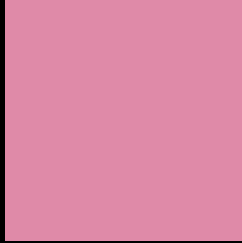
Large Text (above 18pt) WCAG AA × Fail

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 166.8350, 41.0300, 27.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

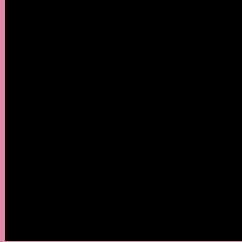
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.8350, 41.0300, 27.3500

Background



This preview shows how black text looks on a background with the YIQ color 166.8350, 41.0300, 27.3500.



This preview shows how white text looks on a background with the YIQ color 166.8350, 41.0300,

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

166.8350, 41.0300, 27.3500

Protanopia

164.0950, -7.3370, 6.3190

Deuteranopia

164.9630, 10.5900, 6.3180



Tritanopia

166.0600, 44.4700, 20.0700

Trichromacy



Original Color

166.8350, 41.0300, 27.3500

Protanomaly

165.1190, 10.4510, 14.3470

Deuteranomaly

165.7520, 21.7300, 13.6820

Tritanomaly

166.4560, 43.4150, 22.6710

Monochromacy



Original Color

166.8350, 41.0300, 27.3500

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.5230, 14.9450, 9.9930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.8350, 41.0300, 27.3500 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(223, 138, 168)` looks like.

```
.text, #text, p{  
    color:rgb(223, 138, 168)  
}
```

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(223, 138, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 138, 168) }
```

Border

The CSS property to change the border of an element to YIQ 166.8350, 41.0300, 27.3500 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(223, 138, 168) }
```


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

```
.border{ border-color:rgb(223, 138, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 138, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 138, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 138, 168);  
box-shadow:4px 4px 4px 4px rgb(223, 138,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 166.8350, 41.0300, 27.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 138, 168) }
```

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

```
.background{ background-color: rgb(223,  
138, 168) }
```

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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