

Converting Colors

YIQ(168.7850, 35.2990, 26.5870)

Have a look what the booklet for
YIQ(168.7850, 35.2990, 26.5870)
contains.

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Color

**YIQ(168.7850, 35.2990,
26.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8EAF
RGB	219, 142, 175
RGB Percent	86%, 56%, 69%
CMY	0.1410, 0.4432, 0.3136
CMYK	0.00, 0.35, 0.20, 0.14
HSL	334°, 52%, 71%
HSV	334°, 35%, 86%
XYZ	46.6380, 37.5008, 45.3528
YIQ	168.7850, 35.2990, 26.5870

Conversions

Conversions Part 2

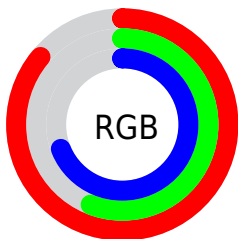
Format	Color
R _Y B	219, 142, 175
Decimal	14388911
CIE Lab	67.65, 33.80, -5.14
CIE LCh	68, 34.193, 351.359
Yxy	37.5008, 0.3602, 0.2896
Android (android.graphics.Color)	4292578991 (0xFFDB8EAF)
YUV	168.7850, 3.0640, 44.0386
Hunter-Lab	61.2379, 28.7769, -1.0436

Details

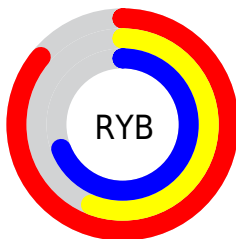
The YIQ color **168.7850, 35.2990, 26.5870** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **192.2150, -35.2990, -26.5870**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.1040, 23.9750, 22.5590**, and **115.5890, 32.9150, 25.7390** is the 20% darker color. If you saturate the color by 10%, you get **154.5030, 45.2010, 34.3610**, and if you desaturate by 10%, it is **183.1810, 25.0760, 19.1240**.

Distribution



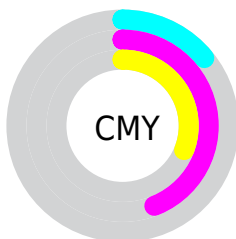
- Red (86%)
- Green (56%)
- Blue (69%)



- Red (86%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (35%)
- Yellow (20%)
- Black (14%)





- Cyan (14%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 168.7850, 35.2990, 26.5870 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 168.7850, 35.2990, 26.5870 by changing the saturation by 10% instead.


 168.7850, 35.2990,
26.5870

 168.7850, 35.2990,
26.5870


255.0000, -0.0000,
-0.0000

 142.0730, 34.4280,
25.8520


 218.2180, 23.6540,
22.8700


 115.5890, 32.9150,
25.7390


 237.3900, 8.2500,
15.6900

 89.6920, 31.1270,
25.1030

254.4130, 0.2750,
0.5230

 65.0940, 29.9350,
24.6790

 40.0230, 28.6970,
25.0890

 20.7620, 24.9380,
21.6260

 11.5190, 20.7680,

9.0880

■ 0.0000, 0.0000,
0.0000

■ 168.7850, 35.2990,
26.5870

■ 168.7850, 35.2990,
26.5870

■ 154.5030, 45.2010,
34.3610

■ 183.1810, 25.0760,
19.1240

■ 140.1070, 55.4240,
41.8240

■ 197.4630, 15.1740,
11.3500

■ 125.7110, 65.6470,
49.2870

■ 211.8590, 4.9510,
3.8870

■ 111.4290, 75.5490,
57.0610

■ 226.1410, -4.9510,
-3.8870

■ 97.0330, 85.7720,
64.5240

■ 239.9500,
-14.8990, -10.8270

■ 83.3380, 95.3990,
71.7750

■ 243.6660,
-19.8510, -9.1870

■ 76.1970, 100.3500,
75.6620

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



169.0240, 9.7610, 26.8570



168.7850, 35.2990, 26.5870



167.3440, 49.4220, 18.4300

Triad

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



168.7850, 35.2990, 26.5870



160.6110, 16.3720, -21.3880



146.8930, -80.6460, -14.2300

Complementary

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



168.7850, 35.2990, 26.5870



192.2150, -35.2990, -26.5870

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.



143.8960, -76.7010, -25.1570



168.7850, 35.2990, 26.5870



156.4210, -12.5120, -26.5600

Square

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



168.7850, 35.2990, 26.5870



163.7820, 38.2400, -10.2080



150.4140, -46.1650, -27.9010



157.4330, -55.2030, 3.7490

Rectangle

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



168.7850, 35.2990, 26.5870



166.0310, 51.4410, 9.3690



150.4140, -46.1650, -27.9010



143.9910, -84.0380, -18.8380

Sweetspot

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



168.7850, 35.2990, 26.5870



236.7400, 12.8360, 9.6680



163.9340, 1.5070, 33.2750



116.8810, 7.8850, 5.7810



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.



168.7850, 35.2990, 26.5870



185.2370, 49.0060, 36.9900



167.9580, 44.5170, 13.7090



102.7450, 5.2720, 3.5760



60.1630, 79.3540, 59.6900



16.0340, 20.9960, 15.9720

Inverse Universe

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



168.7850, 35.2990, 26.5870



185.2370, 49.0060, 36.9900



193.0420, -44.5170, -13.7090



102.7450, 5.2720, 3.5760



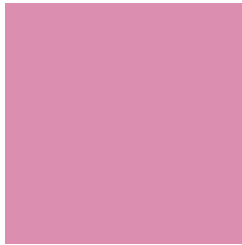
60.1630, 79.3540, 59.6900



16.0340, 20.9960, 15.9720

Previews

White Background



This preview shows how the YIQ color 168.7850, 35.2990, 26.5870 looks on a white background.

Color Contrast Check

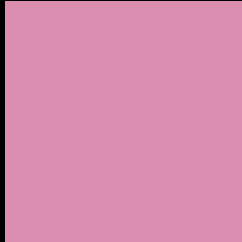
Large Text (above 18pt) WCAG AA × Fail

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 168.7850, 35.2990, 26.5870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

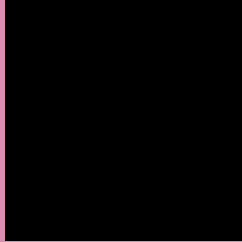
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.7850, 35.2990, 26.5870

Background



This preview shows how black text looks on a background with the YIQ color 168.7850, 35.2990, 26.5870.



This preview shows how white text looks on a background with the YIQ color 168.7850, 35.2990,

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

168.7850, 35.2990, 26.5870

Protanopia

165.9530, -9.8130, 7.1390

Deuteranopia

166.7500, 6.8760, 7.5480



Tritanopia

167.7820, 39.3810, 18.6850

Trichromacy



Original Color

168.7850, 35.2990, 26.5870

Protanomaly

166.9660, 6.5080, 14.2200

Deuteranomaly

167.2400, 17.4200, 14.7000

Tritanomaly

168.2920, 38.0050, 21.5970

Monochromacy



Original Color

168.7850, 35.2990, 26.5870

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

168.7400, 12.8360, 9.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.7850, 35.2990, 26.5870 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(219, 142, 175)` looks like.

```
.text, #text, p{  
    color:rgb(219, 142, 175)  
}
```

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(219, 142, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 142, 175) }
```

Border

The CSS property to change the border of an element to YIQ 168.7850, 35.2990, 26.5870 is called "border". The border property can be set on classes, ids or directly on the HTML element.

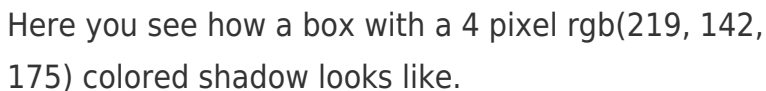
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 142, 175) }
```


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

```
.border{ border-color:rgb(219, 142, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 142, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 142, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 142, 175); box-shadow:4px 4px 4px 4px rgb(219, 142, 175) }
```

Background

The CSS property to change the background color of an element to YIQ 168.7850, 35.2990, 26.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 142, 175) }
```

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

```
.background{ background-color: rgb(219,  
142, 175) }
```

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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