

Converting Colors

YIQ(165.9530, 34.8860, 28.5660)

Have a look what the booklet for
YIQ(165.9530, 34.8860, 28.5660)
contains.

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Color

**YIQ(165.9530, 34.8860,
28.5660)**

Conversions

Conversions Part 1

Format	Color
Hex	D98AB0
RGB	217, 138, 176
RGB Percent	85%, 54%, 69%
CMY	0.1488, 0.4589, 0.3097
CMYK	0.00, 0.36, 0.19, 0.15
HSL	331°, 51%, 70%
HSV	331°, 36%, 85%
XYZ	45.5543, 36.0631, 45.6486
YIQ	165.9530, 34.8860, 28.5660

Conversions

Conversions Part 2

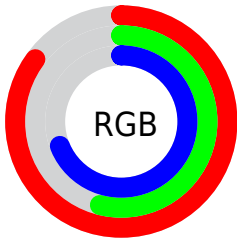
Format	Color
R _{YB}	217, 138, 176
Decimal	14256816
CIE Lab	66.57, 35.39, -7.33
CIE LCh	67, 36.145, 348.302
Yxy	36.0631, 0.3579, 0.2834
Android (android.graphics.Color)	4292446896 (0xFFD98AB0)
YUV	165.9530, 4.9532, 44.7682
Hunter-Lab	60.0526, 30.3132, -3.0321

Details

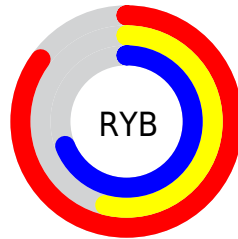
The YIQ color **165.9530, 34.8860, 28.5660** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **189.0470, -34.8860, -28.5660**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **215.3970, 24.7080, 25.7960**, and **112.7570, 32.5020, 27.7180** is the 20% darker color. If you saturate the color by 10%, you get **151.7850, 44.4670, 36.6510**, and if you desaturate by 10%, it is **180.1210, 25.3050, 20.4810**.

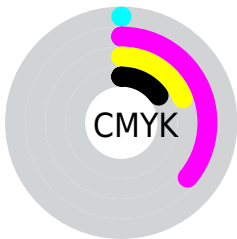
Distribution



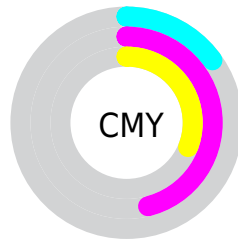
- Red (85%)
- Green (54%)
- Blue (69%)



- Red (85%)
- Yellow (54%)
- Blue (69%)



- Cyan (0%)
- Magenta (36%)
- Yellow (19%)
- Black (15%)





- Cyan (15%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.9530, 34.8860, 28.5660 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 165.9530, 34.8860, 28.5660 by changing the saturation by 10% instead.


 165.9530, 34.8860,
28.5660

 165.9530, 34.8860,
28.5660


255.0000, -0.0000,
-0.0000


 139.2410, 34.0150,
27.8310


 215.3970, 24.7080,
25.7960


 112.7570, 32.5020,
27.7180


 235.0420, 9.3500,
17.7820

 86.8600, 30.7140,
27.0820

 252.0650, 1.3750,
2.6150

 62.2620, 29.5220,
26.6580

 36.0170, 28.8340,
28.1140

 20.2780, 23.4250,
21.5130

 10.6220, 18.9800,

8.4520

■ 0.0000, 0.0000,
0.0000

■ 165.9530, 34.8860,
28.5660

■ 165.9530, 34.8860,
28.5660

■ 151.7850, 44.4670,
36.6510

■ 180.1210, 25.3050,
20.4810

■ 138.2040, 53.7730,
44.2130

■ 193.8160, 15.6780,
13.2300

■ 123.9220, 63.6750,
51.9870

■ 207.9840, 6.0970,
5.1450

■ 109.7540, 73.2560,
60.0720

■ 222.1520, -3.4840,
-2.9400

■ 95.5860, 82.8370,
68.1570

■ 235.7330,
-12.7900, -10.5020

■ 81.8910, 92.4640,
75.4080

■ 242.3840,
-19.1170, -11.4770

■ 76.7390, 95.9480,
78.3480

■ 243.6380,
-22.6480, -8.0560

Harmonies

Analogous

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



165.8820, 7.2850, 27.6770



165.9530, 34.8860, 28.5660



164.2950, 51.1180, 20.7340

Triad

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



165.9530, 34.8860, 28.5660



157.4650, 19.7190, -21.4730



137.6030, -94.6290, -19.6290

Complementary

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



165.9530, 34.8860, 28.5660



189.0470, -34.8860, -28.5660

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.



136.7700, -85.2740, -29.4820



165.9530, 34.8860, 28.5660



153.2640, -10.6320, -27.5920

Square

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



165.9530, 34.8860, 28.5660



161.0490, 41.8620, -9.7700



146.7730, -45.7980, -29.0460



152.3610, -63.8680, 1.0920

Rectangle

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



165.9530, 34.8860, 28.5660



162.8680, 53.4580, 11.3620



146.7730, -45.7980, -29.0460



133.9780, -100.3590, -25.9190

Sweetspot

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



165.9530, 34.8860, 28.5660



236.8540, 12.5150, 9.9790



159.2650, -0.9230, 33.2610



116.9950, 7.5640, 6.0920



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.



165.9530, 34.8860, 28.5660



182.6440, 49.4180, 40.5380



162.2080, 46.8090, 16.2250



102.8590, 4.9510, 3.8870



61.1890, 76.4650, 62.4890



16.2620, 20.3540, 16.5940

Inverse Universe

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



165.9530, 34.8860, 28.5660



182.6440, 49.4180, 40.5380



192.7920, -46.8090, -16.2250



102.8590, 4.9510, 3.8870



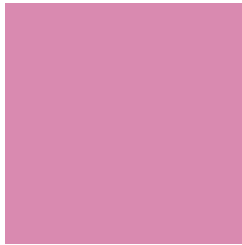
61.1890, 76.4650, 62.4890



16.2620, 20.3540, 16.5940

Previews

White Background



This preview shows how the YIQ color 165.9530, 34.8860, 28.5660 looks on a white background.

Color Contrast Check

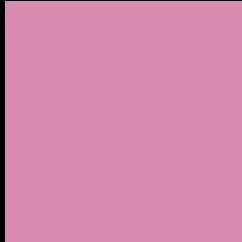
Large Text (above 18pt) WCAG AA × Fail

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 165.9530, 34.8860, 28.5660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

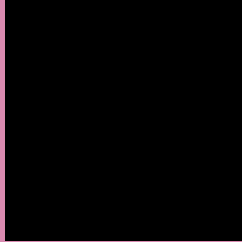
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.9530, 34.8860, 28.5660

Background



This preview shows how black text looks on a background with the YIQ color 165.9530, 34.8860, 28.5660.



This preview shows how white text looks on a background with the YIQ color 165.9530, 34.8860,

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

165.9530, 34.8860, 28.5660

Protanopia

163.2240, -12.0140, 8.4820

Deuteranopia

164.1950, 4.1250, 7.8450



Tritanopia

165.0810, 39.9770, 18.8970

Trichromacy



Original Color

165.9530, 34.8860, 28.5660

Protanomaly

164.5360, 4.9030, 15.7750

Deuteranomaly

164.9840, 15.2650, 15.2090

Tritanomaly

165.7050, 38.2800, 22.1200

Monochromacy



Original Color

165.9530, 34.8860, 28.5660

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.2670, 12.7900, 10.5020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.9530, 34.8860, 28.5660 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(217, 138, 176)` looks like.

```
.text, #text, p{  
    color:rgb(217, 138, 176)  
}
```

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(217, 138, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 138, 176) }
```

Border

The CSS property to change the border of an element to YIQ 165.9530, 34.8860, 28.5660 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(217, 138, 176) }
```


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

```
.border{ border-color:rgb(217, 138, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 138, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 138, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 138, 176);  
box-shadow:4px 4px 4px 4px rgb(217, 138,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9530, 34.8860, 28.5660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 138, 176) }
```

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

```
.background{ background-color: rgb(217,  
138, 176) }
```

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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