

Converting Colors

YIQ(165.9670, 40.2980, 18.5860)

Have a look what the booklet for
YIQ(165.9670, 40.2980, 18.5860)
contains.

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Color

**YIQ(165.9670, 40.2980,
18.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	D88F99
RGB	216, 143, 153
RGB Percent	85%, 56%, 60%
CMY	0.1528, 0.4393, 0.3998
CMYK	0.00, 0.34, 0.29, 0.15
HSL	352°, 48%, 70%
HSV	352°, 34%, 85%
XYZ	43.9033, 36.5428, 34.8933
YIQ	165.9670, 40.2980, 18.5860

Conversions

Conversions Part 2

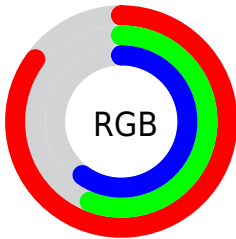
Format	Color
R _Y B	216, 143, 153
Decimal	14192537
CIE Lab	66.93, 29.04, 6.12
CIE LCh	67, 29.676, 11.907
Yxy	36.5428, 0.3806, 0.3168
Android (android.graphics.Color)	4292382617 (0xFFD88F99)
YUV	165.9670, -6.3927, 43.8789
Hunter-Lab	60.4507, 23.8499, 8.0921

Details

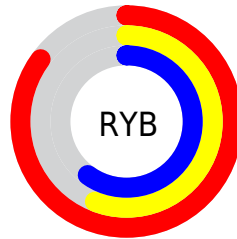
The YIQ color **165.9670, 40.2980, 18.5860** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **193.0330, -40.2980, -18.5860**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **215.4820, 31.3580, 15.4060**, and **113.1730, 36.7220, 17.3140** is the 20% darker color. If you saturate the color by 10%, you get **150.8870, 52.4470, 24.1830**, and if you desaturate by 10%, it is **181.0470, 28.1490, 12.9890**.

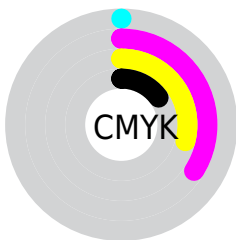
Distribution



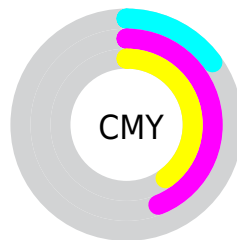
- Red (85%)
- Green (56%)
- Blue (60%)



- Red (85%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (34%)
- Yellow (29%)
- Black (15%)





- Cyan (15%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.9670, 40.2980, 18.5860 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 165.9670, 40.2980, 18.5860 by changing the saturation by 10% instead.


 165.9670, 40.2980,
18.5860


 165.9670, 40.2980,
18.5860


255.0000, -0.0000,
-0.0000

 139.0700, 38.5100,
17.9500


 215.4820, 31.3580,
15.4060


 113.1730, 36.7220,
17.3140


 235.8110, 14.0740,
9.2580

 87.6890, 35.2090,
17.2010

254.4130, 0.2750,
0.5230

 62.9060, 33.1000,
16.8760

 39.2370, 30.6700,
16.8620

 17.8130, 28.9280,
15.3920

 8.7850, 16.9630,

6.4590

■ 0.0000, 0.0000,
0.0000

■ 165.9670, 40.2980,
18.5860

■ 165.9670, 40.2980,
18.5860

■ 150.8870, 52.4470,
24.1830

■ 181.0470, 28.1490,
12.9890

■ 136.5080, 64.0000,
29.5680

■ 195.4260, 16.5960,
7.6040

■ 121.4280, 76.1490,
35.1650

■ 210.5060, 4.4470,
2.0070

■ 107.0490, 87.7020,
40.5500

■ 224.9990, -7.4270,
-3.0670

■ 91.9690, 99.8510,
46.1470

■ 239.9650,
-19.2550, -8.9750

■ 76.8890, 112.0000,
51.7440

■ 243.3390,
-23.2440, -8.2680

■ 68.0040, 119.1060,
55.1220

Harmonies

Analogous

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



166.9300, 24.5250, 23.6050



165.9670, 40.2980, 18.5860



164.2690, 44.8390, 7.8710

Triad

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



165.9670, 40.2980, 18.5860



157.0310, -2.4260, -22.1220



155.1680, -53.1390, -0.6190

Complementary

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



165.9670, 40.2980, 18.5860



193.0330, -40.2980, -18.5860

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.



148.9070, -66.0660, -14.1460



165.9670, 40.2980, 18.5860



152.7320, -29.3850, -23.6330

Square

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



165.9670, 40.2980, 18.5860



160.5240, 21.2310, -15.8330



149.0250, -55.0150, -21.6950



162.6600, -27.7410, 12.6670

Rectangle

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



165.9670, 40.2980, 18.5860



163.5470, 40.7600, -0.8080



149.0250, -55.0150, -21.6950



152.5970, -58.9610, -5.2410

Sweetspot

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



165.9670, 40.2980, 18.5860



237.8170, 13.9370, 6.2330



169.8600, 13.5190, 35.8470



117.0120, 8.8940, 4.0140



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.



165.9670, 40.2980, 18.5860



183.1050, 57.7650, 26.9250



180.0890, 36.3580, 1.8780



99.5170, 5.9140, 2.9540



53.8650, 94.2120, 43.7160



13.5410, 23.7020, 10.9820

Inverse Universe

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



165.9670, 40.2980, 18.5860



183.1050, 57.7650, 26.9250



178.9110, -36.3580, -1.8780



99.5170, 5.9140, 2.9540



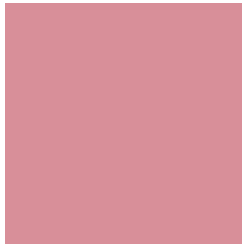
53.8650, 94.2120, 43.7160



13.5410, 23.7020, 10.9820

Previews

White Background



This preview shows how the YIQ color 165.9670, 40.2980, 18.5860 looks on a white background.

Color Contrast Check

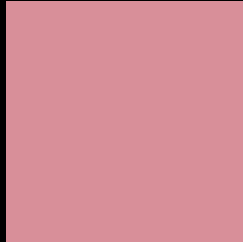
Large Text (above 18pt) WCAG AA × Fail

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 165.9670, 40.2980, 18.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

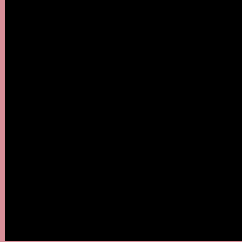
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.9670, 40.2980, 18.5860

Background



This preview shows how black text looks on a background with the YIQ color 165.9670, 40.2980, 18.5860.



This preview shows how white text looks on a background with the YIQ color 165.9670, 40.2980,

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

165.9670, 40.2980, 18.5860

Protanopia

163.4240, 1.7420, 1.4700

Deuteranopia

164.8620, 18.0640, 3.0240



Tritanopia

166.0810, 39.9770, 18.8970

Trichromacy



Original Color

165.9670, 40.2980, 18.5860

Protanomaly

164.2410, 15.6790, 7.7030

Deuteranomaly

165.6290, 26.2700, 8.4940

Tritanomaly

166.0810, 39.9770, 18.8970

Monochromacy



Original Color

165.9670, 40.2980, 18.5860

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.1160, 14.5330, 6.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.9670, 40.2980, 18.5860 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(216, 143, 153)` looks like.

```
.text, #text, p{  
    color:rgb(216, 143, 153)  
}
```

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(216, 143, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 143, 153) }
```

Border

The CSS property to change the border of an element to YIQ 165.9670, 40.2980, 18.5860 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(216, 143, 153) }
```


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

```
.border{ border-color:rgb(216, 143, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 143, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 143, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 143, 153);  
box-shadow:4px 4px 4px 4px rgb(216, 143,  
153) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9670, 40.2980, 18.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 143, 153) }
```

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

```
.background{ background-color: rgb(216,  
143, 153) }
```

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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