

Converting Colors

YIQ(185.1990, 7.4700, 18.8140)

Have a look what the booklet for
YIQ(185.1990, 7.4700, 18.8140)
contains.

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Color

**YIQ(185.1990, 7.4700,
18.8140)**

Conversions

Conversions Part 1

Format	Color
Hex	CCABD1
RGB	204, 171, 209
RGB Percent	80%, 67%, 82%
CMY	0.1999, 0.3294, 0.1804
CMYK	0.02, 0.18, 0.00, 0.18
HSL	292°, 29%, 75%
HSV	292°, 18%, 82%
XYZ	50.9779, 46.5651, 66.6228
YIQ	185.1990, 7.4700, 18.8140

Conversions

Conversions Part 2

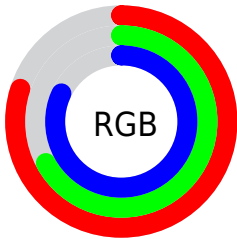
Format	Color
R_{YB}	204, 171, 209
Decimal	13413329
CIE _{Lab}	73.91, 18.70, -14.77
CIE _{LCh}	74, 23.828, 321.683
Yxy	46.5651, 0.3105, 0.2836
Android (android.graphics.Color)	4291603409 (0xFFCCABD1)
YUV	185.1990, 11.7339, 16.4885
Hunter-Lab	68.2386, 13.9314, -10.1190

Details

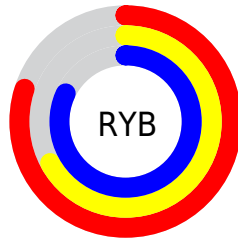
The YIQ color $185.1990, 7.4700, 18.8140$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $194.8010, -7.4700, -18.8140$, and the grayscale version is $185.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $237.9770, 7.9750, 15.1670$, and $132.3730, 6.9200, 17.7680$ is the 20% darker color. If you saturate the color by 10%, you get $171.9750, 11.4570, 29.1610$, and if you desaturate by 10%, it is $198.4230, 3.4830, 8.4670$.

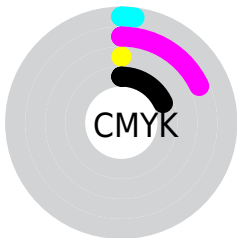
Distribution



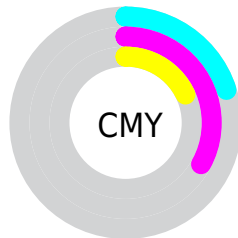
- Red (80%)
- Green (67%)
- Blue (82%)



- Red (80%)
- Yellow (67%)
- Blue (82%)



- Cyan (2%)
- Magenta (18%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.1990, 7.4700, 18.8140 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 185.1990, 7.4700, 18.8140 by changing the saturation by 10% instead.

■ 185.1990, 7.4700,
18.8140

■ 185.1990, 7.4700,
18.8140

255.0000, -0.0000,
-0.0000

■ 157.7860, 7.1950,
18.2910

■ 237.9770, 7.9750,
15.1670

■ 132.3730, 6.9200,
17.7680

■ 106.8460, 6.9660,
16.9340

■ 82.1340, 6.0950,
16.1990

■ 58.7210, 5.8200,
15.6760

■ 36.8950, 5.2700,
14.6300

■ 13.8460, 6.9660,

16.9340

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 185.1990, 7.4700,
18.8140

■ 185.1990, 7.4700,
18.8140

■ 171.9750, 11.4570,
29.1610

■ 198.4230, 3.4830,
8.4670

■ 159.0500, 16.0400,
39.7200

■ 211.3480, -1.1000,
-2.0920

■ 145.8260, 20.0270,
50.0670

■ 224.5720, -5.0870,
-12.4390

■ 132.6020, 24.0140,
60.4140

■ 237.7960, -9.0740,
-22.7860

■ 119.3780, 28.0010,
70.7610

■ 238.6930, -7.2860,
-22.1500

■ 107.0400, 32.3090,
80.7970

■ 239.2910, -6.0940,
-21.7260

■ 93.8160, 36.2960,
91.1440

■ 240.1880, -4.3060,
-21.0900

■ 80.5920, 40.2830,
101.4910

■ 241.0850, -2.5180,
-20.4540

■ 78.2440, 41.3830,
103.5830

■ 241.9820, -0.7300,
-19.8180

Harmonies

Analogous

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



182.7170, -14.7200, 13.4720



185.1990, 7.4700, 18.8140



185.6540, 25.1220, 18.2900

Triad

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



185.1990, 7.4700, 18.8140



181.3280, 28.0150, -6.6170



172.2160, -45.0670, -14.7550

Complementary

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



185.1990, 7.4700, 18.8140



194.8010, -7.4700, -18.8140

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.



173.5950, -30.2570, -18.8410



185.1990, 7.4700, 18.8140



178.7880, 11.7400, -14.5320

Square

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



185.1990, 7.4700, 18.8140



183.0290, 36.5870, 3.2350



176.3170, -8.9830, -18.9270



174.0020, -47.0400, -6.5280

Rectangle

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



185.1990, 7.4700, 18.8140



184.8520, 33.1920, 15.2080



176.3170, -8.9830, -18.9270



172.3150, -41.0320, -16.2960

Sweetspot

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



185.1990, 7.4700, 18.8140



246.7710, 2.3830, 6.3750



178.2670, -13.5730, 9.2030



122.7060, 1.0080, 3.7600



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.



185.1990, 7.4700, 18.8140



220.0350, 11.2280, 27.8040



185.0980, 14.9440, 15.5200



97.9450, 1.8330, 5.3290



62.8060, 33.0880, 83.2000



15.1390, 7.6990, 20.1710

Inverse Universe

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



182.9320, 21.0430, 9.6110



216.5420, 31.1290, 14.0490



194.9020, -14.9440, -15.5200



97.4030, 6.2350, 2.6430



52.7400, 93.0660, 42.4580



12.8290, 22.8310, 10.2470

Previews

White Background



This preview shows how the YIQ color 185.1990, 7.4700, 18.8140 looks on a white background.

Color Contrast Check

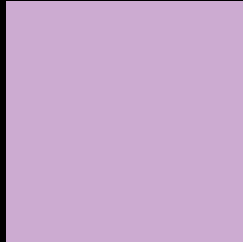
Large Text (above 18pt) WCAG AA × Fail

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 185.1990, 7.4700, 18.8140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

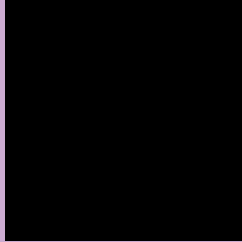
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.1990, 7.4700, 18.8140

Background



This preview shows how black text looks on a background with the YIQ color 185.1990, 7.4700, 18.8140.



This preview shows how white text looks on a background with the YIQ color 185.1990, 7.4700,

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

185.1990, 7.4700, 18.8140

Protanopia

182.4950, -14.2150, 9.8250

Deuteranopia

183.5240, -3.9910, 11.7610



Tritanopia

184.2560, 11.3230, 9.5550

Trichromacy



Original Color

185.1990, 7.4700, 18.8140

Protanomaly

183.7950, -6.1920, 13.1040

Deuteranomaly

184.1440, 0.1350, 14.0790

Tritanomaly

184.8800, 9.6260, 12.7780

Monochromacy



Original Color

185.1990, 7.4700, 18.8140

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

185.1840, 2.6580, 6.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.1990, 7.4700, 18.8140 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(204, 171, 209)` looks like.

```
.text, #text, p{  
    color:rgb(204, 171, 209)  
}
```

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(204, 171, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 171, 209) }
```

Border

The CSS property to change the border of an element to YIQ 185.1990, 7.4700, 18.8140 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(204, 171, 209) }
```


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

```
.border{ border-color:rgb(204, 171, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 171, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 171, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 171, 209);  
box-shadow:4px 4px 4px 4px rgb(204, 171,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 185.1990, 7.4700, 18.8140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 171, 209) }
```

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

```
.background{ background-color: rgb(204,  
171, 209) }
```

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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