

Converting Colors

YIQ(185.0180, 0.7300, 19.8180)

Have a look what the booklet for
YIQ(185.0180, 0.7300, 19.8180)
contains.

YIQ(185.0180, 0.7300, 19.8180)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(185.0180, 0.7300,
19.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	C6ACDA
RGB	198, 172, 218
RGB Percent	78%, 67%, 85%
CMY	0.2234, 0.3255, 0.1451
CMYK	0.09, 0.21, 0.00, 0.15
HSL	274°, 38%, 76%
HSV	274°, 21%, 85%
XYZ	50.6991, 46.5714, 72.6410
YIQ	185.0180, 0.7300, 19.8180

Conversions

Conversions Part 2

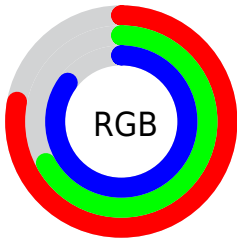
Format	Color
RYB	198, 172, 218
Decimal	13020378
CIELab	73.91, 17.94, -19.73
CIELCh	74, 26.666, 312.269
Yxy	46.5714, 0.2984, 0.2741
Android (android.graphics.Color)	4291210458 (0xFFC6ACDA)
YUV	185.0180, 16.2601, 11.3852
Hunter-Lab	68.2432, 13.1851, -15.3406

Details

The YIQ color $185.0180, 0.7300, 19.8180$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $204.9820, -0.7300, -19.8180$, and the grayscale version is $185.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $238.5640, 7.7000, 14.6440$, and $132.0780, 0.5010, 18.4610$ is the 20% darker color. If you saturate the color by 10%, you get $169.4130, 1.4160, 29.4160$, and if you desaturate by 10%, it is $200.6230, 0.0440, 10.2200$.

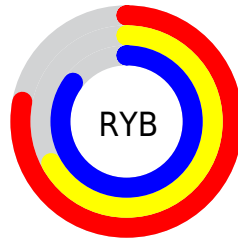
Distribution



Red (78%)

Green (67%)

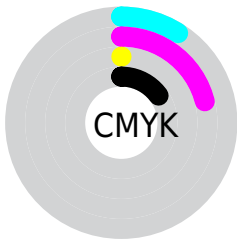
Blue (85%)



Red (78%)

Yellow (67%)

Blue (85%)

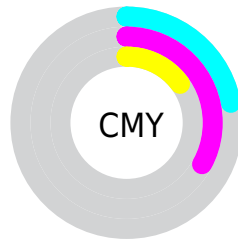


Cyan (9%)

Magenta (21%)

Yellow (0%)

Black (15%)



Cyan (22%)

Magenta (33%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.0180, 0.7300, 19.8180 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 185.0180, 0.7300, 19.8180 by changing the saturation by 10% instead.

■ 185.0180, 0.7300,
19.8180

■ 185.0180, 0.7300,
19.8180

255.0000, -0.0000,
-0.0000

■ 157.9040, 1.0510,
19.5070

■ 238.5640, 7.7000,
14.6440

■ 132.0780, 0.5010,
18.4610

■ 106.6650, 0.2260,
17.9380

■ 82.1380, 0.2720,
17.1040

■ 58.7250, -0.0030,
16.5810

■ 36.7850, -0.2320,
15.2240

■ 14.2090, 1.5100,

16.6940

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 185.0180, 0.7300,
19.8180

■ 185.0180, 0.7300,
19.8180

■ 169.4130, 1.4160,
29.4160

■ 200.6230, 0.0440,
10.2200

■ 153.5090, 1.5060,
38.8020

■ 216.5270, -0.0460,
0.8340

■ 138.4910, 1.9170,
47.8770

■ 231.5450, -0.4570,
-8.2410

■ 122.5870, 2.0070,
57.2630

■ 245.1010, 0.5530,
-15.5350

■ 106.9820, 2.6930,
66.8610

■ 247.7920, 5.9170,
-13.6270

■ 91.0780, 2.7830,
76.2470

■ 250.7820, 11.8770,
-11.5070

■ 75.4730, 3.4690,
85.8450

■ 61.6290, 3.3300,
93.8740

Harmonies

Analogous

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



181.4000, -24.0730, 12.2710



185.0180, 0.7300, 19.8180



185.9790, 22.8290, 21.3010

Triad

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



185.0180, 0.7300, 19.8180



181.9160, 35.1670, -4.0730



170.6130, -47.8630, -19.1510

Complementary

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



185.0180, 0.7300, 19.8180



204.9820, -0.7300, -19.8180

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.



172.8680, -26.7720, -21.4280



185.0180, 0.7300, 19.8180



179.2080, 19.3050, -13.9670

Square

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



185.0180, 0.7300, 19.8180



183.8880, 41.5380, 7.1220



176.4980, -2.2430, -19.9310



170.8760, -55.6130, -10.8530

Rectangle

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



185.0180, 0.7300, 19.8180



185.6720, 33.8790, 19.2790



176.4980, -2.2430, -19.9310



170.9080, -41.4440, -19.8440

Sweetspot

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



185.0180, 0.7300, 19.8180



244.1020, -0.0470, 6.3610



189.5710, -20.5410, 3.3230



121.5210, 0.0910, 3.8590



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.



185.0180, 0.7300, 19.8180



209.0600, 0.9120, 27.5360



190.7700, 13.2920, 23.4360



102.0480, 0.0450, 4.6930



49.0240, 2.8750, 74.5790



13.0180, 0.7300, 19.8180

Inverse Universe

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



188.0340, 20.9960, 15.9720



213.3280, 29.1560, 22.2760



199.2300, -13.2920, -23.4360



102.7450, 5.2720, 3.5760



60.2770, 79.0330, 60.0010



16.0340, 20.9960, 15.9720

Previews

White Background



This preview shows how the YIQ color 185.0180, 0.7300, 19.8180 looks on a white background.

Color Contrast Check

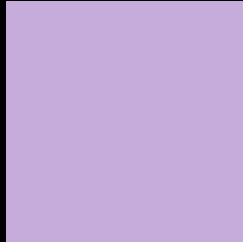
Large Text (above 18pt) WCAG AA × Fail

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 185.0180, 0.7300, 19.8180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

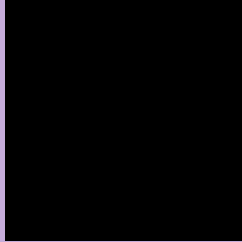
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 185.0180, 0.7300, 19.8180

Background



This preview shows how black text looks on a background with the YIQ color 185.0180, 0.7300, 19.8180.



This preview shows how white text looks on a background with the YIQ color 185.0180, 0.7300,

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

185.0180, 0.7300, 19.8180

Protanopia

182.6240, -18.8920, 11.9880

Deuteranopia

183.6420, -10.1350, 12.9770



Tritanopia

183.6790, 5.6380, 7.9580

Trichromacy



Original Color

185.0180, 0.7300, 19.8180

Protanomaly

183.3260, -12.0610, 14.8430

Deuteranomaly

184.2620, -6.0090, 15.2950

Tritanomaly

183.9440, 3.5740, 12.3260

Monochromacy



Original Color

185.0180, 0.7300, 19.8180

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.9280, 0.5030, 7.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.0180, 0.7300, 19.8180 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(198, 172, 218)` looks like.

```
.text, #text, p{  
    color:rgb(198, 172, 218)  
}
```

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(198, 172, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 172, 218) }
```

Border

The CSS property to change the border of an element to YIQ 185.0180, 0.7300, 19.8180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

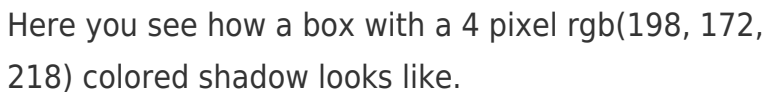
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 172, 218) }
```


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

```
.border{ border-color:rgb(198, 172, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 172, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 172, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 172, 218); box-shadow:4px 4px 4px 4px rgb(198, 172, 218) }
```

Background

The CSS property to change the background color of an element to YIQ 185.0180, 0.7300, 19.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 172, 218) }
```

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

```
.background{ background-color: rgb(198,  
172, 218) }
```

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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