

Converting Colors

YIQ(165.9840, -1.9300, 23.9740)

Have a look what the booklet for
YIQ(165.9840, -1.9300, 23.9740)
contains.

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Color

**YIQ(165.9840, -1.9300,
23.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	B397D1
RGB	179, 151, 209
RGB Percent	70%, 59%, 82%
CMY	0.2979, 0.4079, 0.1804
CMYK	0.14, 0.28, 0.00, 0.18
HSL	269°, 39%, 71%
HSV	269°, 28%, 82%
XYZ	41.1682, 36.3191, 65.1534
YIQ	165.9840, -1.9300, 23.9740

Conversions

Conversions Part 2

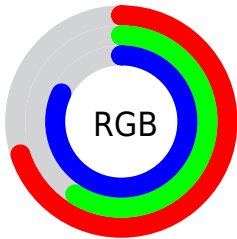
Format	Color
RYB	179, 151, 209
Decimal	11769809
CIELab	66.76, 21.57, -25.84
CIELCh	67, 33.659, 309.854
Yxy	36.3191, 0.2886, 0.2546
Android (android.graphics.Color)	4289959889 (0xFFB397D1)
YUV	165.9840, 21.2069, 11.4150
Hunter-Lab	60.2653, 16.4718, -21.9132

Details

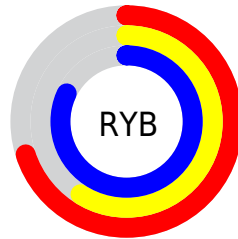
The YIQ color **165.9840, -1.9300, 23.9740** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **194.0160, 1.9300, -23.9740**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **219.6700, 1.8300, 21.9100**, and **113.9300, -1.8380, 22.3060** is the 20% darker color. If you saturate the color by 10%, you get **150.3680, -2.7110, 32.6250**, and if you desaturate by 10%, it is **181.6000, -1.1490, 15.3230**.

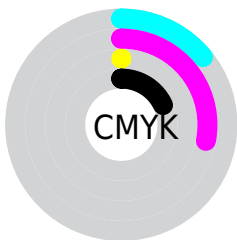
Distribution



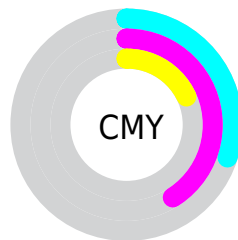
- Red (70%)
- Green (59%)
- Blue (82%)



- Red (70%)
- Yellow (59%)
- Blue (82%)



- Cyan (14%)
- Magenta (28%)
- Yellow (0%)
- Black (18%)



- Cyan (30%)
- Magenta (41%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.9840, -1.9300, 23.9740 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 165.9840, -1.9300, 23.9740 by changing the saturation by 10% instead.

■ 165.9840, -1.9300,
23.9740

■ 165.9840, -1.9300,
23.9740

■ 255.0000, -0.0000,
-0.0000

■ 139.4570, -1.8840,
23.1400

■ 219.6700, 1.8300,
21.9100

■ 113.9300, -1.8380,
22.3060

■ 242.6730, 5.7750,
10.9830

■ 89.1040, -2.3880,
21.2600

■ 65.2780, -2.9380,
20.2140

■ 42.7510, -2.8920,
19.3800

■ 20.8110, -3.1210,
18.0230

■ 3.8760, -10.9140,

10.5740

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 165.9840, -1.9300,
23.9740

■ 165.9840, -1.9300,
23.9740

■ 150.3680, -2.7110,
32.6250

■ 181.6000, -1.1490,
15.3230

■ 134.7520, -3.4920,
41.2760

■ 197.2160, -0.3680,
6.6720

■ 119.4350, -3.6770,
50.1390

■ 212.5330, -0.1830,
-2.1910

■ 103.8190, -4.4580,
58.7900

■ 228.1490, 0.5980,
-10.8420

■ 88.2030, -5.2390,
67.4410

■ 243.1780, 1.6540,
-18.9700

■ 73.1740, -6.2950,
75.5690

■ 246.4670, 8.2100,
-16.6380

■ 57.5580, -7.0760,
84.2200

■ 249.7560, 14.7660,
-14.3060

■ 54.0250, -6.8930,
86.4110

Harmonies

Analogous

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



161.0660, -34.7560, 13.1480



165.9840, -1.9300, 23.9740



166.8210, 26.4500, 27.2660

Triad

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



165.9840, -1.9300, 23.9740



162.2820, 42.8240, -5.1760



144.4150, -65.1010, -26.1330

Complementary

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



165.9840, -1.9300, 23.9740



194.0160, 1.9300, -23.9740

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.



150.7700, -32.5480, -26.8840



165.9840, -1.9300, 23.9740



159.6230, 25.2660, -17.3740

Square

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



165.9840, -1.9300, 23.9740



163.9600, 50.2030, 9.7790



155.9340, -0.7750, -24.5110



141.9480, -82.4790, -19.5590

Rectangle

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



165.9840, -1.9300, 23.9740



165.7700, 39.6550, 24.7350



155.9340, -0.7750, -24.5110



146.7490, -54.4180, -27.0100

Sweetspot

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



165.9840, -1.9300, 23.9740



239.9710, -1.0560, 8.1280



175.2220, -26.8680, 2.3480



118.2760, -0.5970, 5.3150



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.



165.9840, -1.9300, 23.9740



192.8350, -2.5280, 34.8160



174.6550, 15.3540, 30.1220



96.7490, -0.5510, 4.4810



43.3710, -5.6520, 69.4200



10.6540, -1.2410, 16.9910

Inverse Universe

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



171.7620, 24.9380, 21.6260



201.0180, 36.2610, 31.1810



185.3450, -15.3540, -30.1220



97.8590, 4.9510, 3.8870



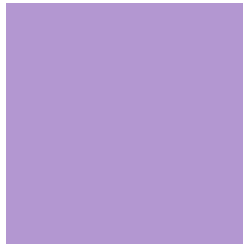
60.1500, 72.2010, 62.6730



14.6530, 17.6950, 15.2230

Previews

White Background



This preview shows how the YIQ color 165.9840, -1.9300, 23.9740 looks on a white background.

Color Contrast Check

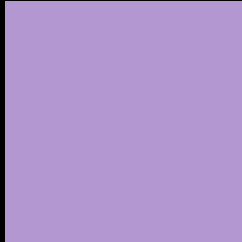
Large Text (above 18pt) WCAG AA × Fail

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 165.9840, -1.9300, 23.9740 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 165.9840, -1.9300, 23.9740

Background



This preview shows how black text looks on a background with the YIQ color 165.9840, -1.9300, 23.9740.



This preview shows how white text looks on a background with the YIQ color 165.9840, -1.9300,

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

165.9840, -1.9300, 23.9740

Protanopia

163.0840, -25.9990, 14.1370

Deuteranopia

163.8630, -18.0670, 13.5570



Tritanopia

163.9670, 4.7670, 7.2230

Trichromacy



Original Color

165.9840, -1.9300, 23.9740

Protanomaly

163.9820, -16.7840, 17.8400

Deuteranomaly

164.9070, -12.1990, 17.3450

Tritanomaly

164.4000, 2.2900, 13.5700

Monochromacy



Original Color

165.9840, -1.9300, 23.9740

Achromatopsia

166.0000, -0.0000, 0.0000

Achromatomaly

166.3840, -0.7810, 8.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.9840, -1.9300, 23.9740 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(179, 151, 209)` looks like.

```
.text, #text, p{  
    color:rgb(179, 151, 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(179, 151, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 151, 209) }
```

Border

The CSS property to change the border of an element to YIQ 165.9840, -1.9300, 23.9740 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(179, 151, 209) }
```


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

```
.border{ border-color:rgb(179, 151, 209) }
```

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

Here you see how a box with a 4 pixel rgb(179, 151, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 151, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 151, 209);  
box-shadow:4px 4px 4px 4px rgb(179, 151,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9840, -1.9300, 23.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 151, 209) }
```

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

```
.background{ background-color: rgb(179,  
151, 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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