

Converting Colors

YIQ(101.8700, -26.8310,
51.2570)

Have a look what the booklet for
YIQ(101.8700, -26.8310, 51.2570)
contains.

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Color

**YIQ(101.8700, -26.8310,
51.2570)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4CDB
RGB	108, 76, 219
RGB Percent	42%, 30%, 86%
CMY	0.5763, 0.7020, 0.1414
CMYK	0.51, 0.65, 0.00, 0.14
HSL	253°, 66%, 58%
HSV	253°, 65%, 86%
XYZ	21.5519, 13.4694, 68.4435
YIQ	101.8700, -26.8310, 51.2570

Conversions

Conversions Part 2

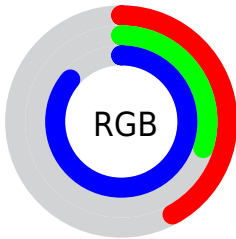
Format	Color
R _Y B	108, 76, 219
Decimal	7097563
CIE Lab	43.46, 48.59, -68.80
CIE LCh	43, 84.234, 305.232
Yxy	13.4694, 0.2083, 0.1302
Android (android.graphics.Color)	4285287643 (0xFF6C4CDB)
YUV	101.8700, 57.7451, 5.3760
Hunter-Lab	36.7007, 40.5950, -84.8800

Details

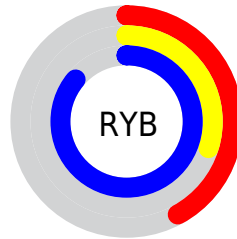
The YIQ color **101.8700, -26.8310, 51.2570** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **193.1300, 26.8310, -51.2570**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **153.5520, -17.2480, 48.2880**, and **46.9890, -34.7160, 45.4760** is the 20% darker color. If you saturate the color by 10%, you get **83.8730, -30.9130, 59.1590**, and if you desaturate by 10%, it is **119.8670, -22.7490, 43.3550**.

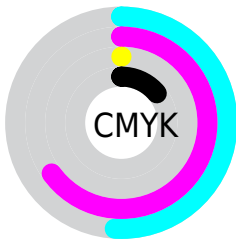
Distribution



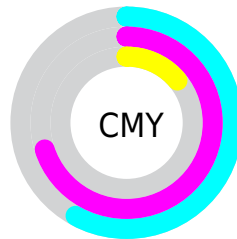
- Red (42%)
- Green (30%)
- Blue (86%)



- Red (42%)
- Yellow (30%)
- Blue (86%)



- Cyan (51%)
- Magenta (65%)
- Yellow (0%)
- Black (14%)



- Cyan (58%)
- Magenta (70%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.8700, -26.8310, 51.2570 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 101.8700, -26.8310, 51.2570 by changing the saturation by 10% instead.

■ 101.8700,
-26.8310, 51.2570

■ 101.8700,
-26.8310, 51.2570

■ 255.0000, -0.0000,
-0.0000

■ 75.3210, -29.7190,
48.5290

■ 153.5520,
-17.2480, 48.2880

■ 46.9890, -34.7160,
45.4760

■ 177.7840, -6.5180,
41.0500

■ 16.6780, -44.2060,
41.2500

■ 203.1900, 3.6620,
32.7660

■ 12.5400, -35.3100,
34.2100

■ 227.9980, 12.6500,
24.0580

■ 9.5760, -26.9640,
26.1240

■ 244.4340, 4.9500,
9.4140

■ 10.3620, -20.9100,
15.5220

■ 5.3920, -12.4270,

10.4610

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 101.8700,
-26.8310, 51.2570

■ 101.8700,
-26.8310, 51.2570

■ 83.8730, -30.9130,
59.1590

■ 119.8670,
-22.7490, 43.3550

■ 65.8760, -34.9950,
67.0610

■ 137.8640,
-18.6670, 35.4530

■ 47.8790, -39.0770,
74.9630

■ 155.8610,
-14.5850, 27.5510

■ 39.6170, -41.0950,
78.4970

■ 173.8580,
-10.5030, 19.6490

■ 191.2680, -6.1460,
12.2700

■ 209.2650, -2.0640,
4.3680

■ 227.2620, 2.0180,
-3.5340

■ 245.2590, 6.1000,
-11.4360

■ 250.8960, 11.5560,
-11.1960

Harmonies

Analogous

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



91.9130, -108.6200, 19.1880



101.8700, -26.8310, 51.2570



75.6910, 61.5130, 91.1850

Triad

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



101.8700, -26.8310, 51.2570



94.8550, 80.6950, -3.1850



89.3060, -72.3440, -32.5360

Complementary

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



101.8700, -26.8310, 51.2570



193.1300, 26.8310, -51.2570

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.



78.7670, -46.8020, -54.9140



101.8700, -26.8310, 51.2570



95.4330, 39.9400, -30.0120

Square

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



101.8700, -26.8310, 51.2570



65.6290, 115.6680, 51.3480



78.8120, -16.3120, -56.8240



97.1720, -94.4930, -11.0770

Rectangle

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



101.8700, -26.8310, 51.2570



77.3240, 89.9870, 81.7550



78.8120, -16.3120, -56.8240



85.8690, -64.0440, -39.7880

Sweetspot

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



101.8700, -26.8310, 51.2570



213.1030, -9.8150, 18.1930



158.0460, -76.7030, -14.1030



102.6270, -5.7790, 11.1250



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.



101.8700, -26.8310, 51.2570



92.1410, -37.0590, 71.4290



122.8000, 14.8890, 66.0970



100.8520, -2.3390, 3.8450



31.3830, -32.2890, 62.0710



8.2340, -8.8060, 16.4260

Inverse Universe

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



131.4110, 49.5970, 64.8370



133.0570, 69.1700, 90.0820



171.9010, -15.4850, -66.3090



103.2010, 3.9880, 4.8200



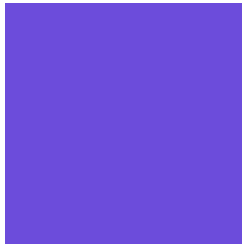
67.1170, 59.7730, 78.6610



17.8580, 15.8600, 20.9480

Previews

White Background



This preview shows how the YIQ color 101.8700, -26.8310, 51.2570 looks on a white background.

Color Contrast Check

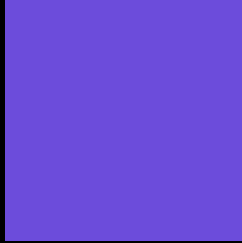
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 101.8700, -26.8310, 51.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

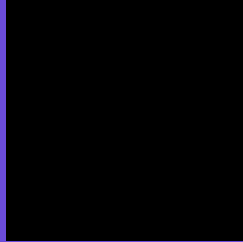
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 101.8700, -26.8310, 51.2570

Background



This preview shows how black text looks on a background with the YIQ color 101.8700, -26.8310, 51.2570.



This preview shows how white text looks on a background with the YIQ color 101.8700, -26.8310,

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

101.8700, -26.8310, 51.2570

Protanopia

81.9390, -94.3140, 13.2220

Deuteranopia

82.2690, -86.9760, 1.3760



Tritanopia

99.0560, -20.7690, -3.5610

Trichromacy



Original Color

101.8700, -26.8310, 51.2570

Protanomaly

89.3600, -70.1540, 26.9180

Deuteranomaly

89.0690, -65.2010, 19.7510

Tritanomaly

100.1060, -23.0650, 16.0310

Monochromacy



Original Color

101.8700, -26.8310, 51.2570

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

102.2170, -10.1360, 18.5040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.8700, -26.8310, 51.2570 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(108, 76, 219)` looks like.

```
.text, #text, p{  
    color:rgb(108, 76, 219)  
}
```

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(108, 76, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 76, 219) }
```

Border

The CSS property to change the border of an element to YIQ 101.8700, -26.8310, 51.2570 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(108, 76, 219) }
```


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

```
.border{ border-color:rgb(108, 76, 219) }
```

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

Here you see how a box with a 4 pixel rgb(108, 76, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 76, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 76, 219);  
box-shadow:4px 4px 4px 4px rgb(108, 76,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 101.8700, -26.8310, 51.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 76, 219) }
```

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

```
.background{ background-color: rgb(108, 76,  
219) }
```

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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