

Converting Colors

YIQ(108.0850, -17.4310,
46.0970)

Have a look what the booklet for
YIQ(108.0850, -17.4310, 46.0970)
contains.

YIQ(108.0850, -17.4310, 46.0970)	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(108.0850, -17.4310,
46.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	7853CE
RGB	120, 83, 206
RGB Percent	47%, 33%, 81%
CMY	0.5292, 0.6746, 0.1923
CMYK	0.42, 0.60, 0.00, 0.19
HSL	258°, 56%, 57%
HSV	258°, 60%, 81%
XYZ	21.9791, 14.6344, 60.0321
YIQ	108.0850, -17.4310, 46.0970

Conversions

Conversions Part 2

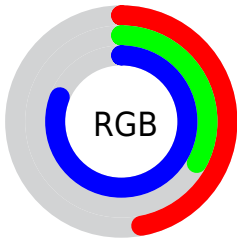
Format	Color
R _Y B	120, 83, 206
Decimal	7885774
CIE Lab	45.13, 43.41, -58.60
CIE LCh	45, 72.929, 306.529
Yxy	14.6344, 0.2274, 0.1514
Android (android.graphics.Color)	4286075854 (0xFF7853CE)
YUV	108.0850, 48.2721, 10.4495
Hunter-Lab	38.2550, 35.6096, -66.2630

Details

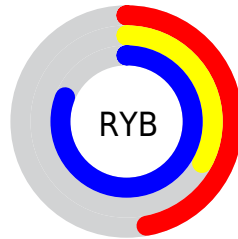
The YIQ color **108.0850, -17.4310, 46.0970** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **180.9150, 17.4310, -46.0970**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.6510, -13.2130, 46.7470**, and **56.2970, -21.1440, 41.8000** is the 20% darker color. If you saturate the color by 10%, you get **91.5720, -20.0000, 54.1120**, and if you desaturate by 10%, it is **124.5980, -14.8620, 38.0820**.

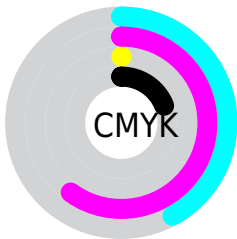
Distribution



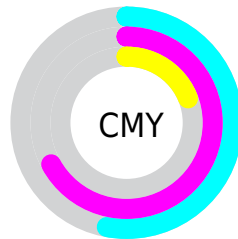
- Red (47%)
- Green (33%)
- Blue (81%)



- Red (47%)
- Yellow (33%)
- Blue (81%)



- Cyan (42%)
- Magenta (60%)
- Yellow (0%)
- Black (19%)



- Cyan (53%)
- Magenta (67%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.0850, -17.4310, 46.0970 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 108.0850, -17.4310, 46.0970 by changing the saturation by 10% instead.

■ 108.0850,
-17.4310, 46.0970

■ 108.0850,
-17.4310, 46.0970

■ 255.0000, -0.0000,
-0.0000

■ 82.4330, -18.5310,
44.0050

■ 160.6510,
-13.2130, 46.7470

■ 56.2970, -21.1440,
41.8000

■ 185.1710, -3.3540,
38.7740

■ 28.6770, -25.2700,
39.4820

■ 209.9900, 7.1010,
31.0130

■ 11.1720, -31.4580,
30.4780

■ 232.1070, 10.7250,
20.3970

■ 8.4360, -23.7540,
23.0140

■ 249.1300, 2.7500,
5.2300

■ 8.0480, -17.1500,
13.4580

■ 4.3660, -9.5380,

7.6620

■ 0.0000, 0.0000,
0.0000

■ 108.0850,
-17.4310, 46.0970

■ 108.0850,
-17.4310, 46.0970

■ 91.5720, -20.0000,
54.1120

■ 124.5980,
-14.8620, 38.0820

■ 75.3470, -23.4400,
61.3920

■ 140.8230,
-11.4220, 30.8020

■ 58.8340, -26.0090,
69.4070

■ 157.3360, -8.8530,
22.7870

■ 42.6090, -29.4490,
76.6870

■ 173.5610, -5.4130,
15.5070

■ 42.0220, -29.1740,
77.2100

■ 190.0740, -2.8440,
7.4920

■ 206.5870, -0.2750,
-0.5230

■ 222.8120, 3.1650,
-7.8030

■ 239.3250, 5.7340,
-15.8180

■ 247.9190, 12.7490,
-16.2990

Harmonies

Analogous

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



91.3770, -104.3550, 13.4770



108.0850, -17.4310, 46.0970



97.8780, 49.7800, 67.0280

Triad

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



108.0850, -17.4310, 46.0970



99.8280, 76.1570, -9.0510



91.0500, -74.4990, -32.0270

Complementary

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



108.0850, -17.4310, 46.0970



180.9150, 17.4310, -46.0970

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.



81.8790, -52.8090, -50.6730



108.0850, -17.4310, 46.0970



99.2650, 40.3530, -31.9910

Square

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



108.0850, -17.4310, 46.0970



92.4930, 94.7190, 29.0150



86.8520, -4.6210, -53.9410



97.7760, -93.4380, -13.6780

Rectangle

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



108.0850, -17.4310, 46.0970



78.7530, 84.1650, 77.1330



86.8520, -4.6210, -53.9410



88.6560, -67.7580, -38.5580

Sweetspot

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



108.0850, -17.4310, 46.0970



218.4300, -6.4220, 17.2740



147.5040, -63.1330, -6.7250



104.9970, -3.9450, 10.9270



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.



108.0850, -17.4310, 46.0970



108.7200, -25.6880, 69.0960



126.3240, 18.9250, 59.0290



94.0370, -1.4220, 3.7460



33.8740, -23.4860, 62.2260



7.9200, -5.0460, 14.3620

Inverse Universe

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



129.5810, 45.7020, 52.8220



140.7220, 68.2550, 79.1270



162.6760, -18.9250, -59.0290



95.7880, 3.7130, 4.2970



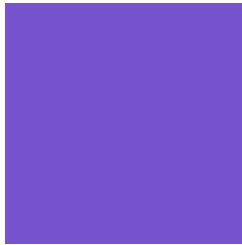
62.8580, 61.7000, 71.2680



14.4400, 13.9810, 16.4530

Previews

White Background



This preview shows how the YIQ color 108.0850, -17.4310, 46.0970 looks on a white background.

Color Contrast Check

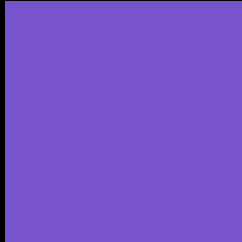
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.0850, -17.4310, 46.0970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

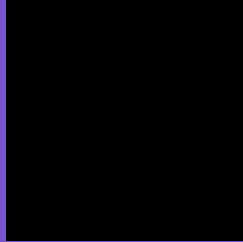
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 108.0850, -17.4310, 46.0970

Background



This preview shows how black text looks on a background with the YIQ color 108.0850, -17.4310, 46.0970.



This preview shows how white text looks on a background with the YIQ color 108.0850, -17.4310,

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

108.0850, -17.4310, 46.0970

Protanopia

85.4270, -98.6240, 14.2400

Deuteranopia

85.7570, -91.2860, 2.3940



Tritanopia

106.2210, -7.9320, 0.5800

Trichromacy



Original Color

108.0850, -17.4310, 46.0970



Protanomaly

93.9040, -68.8700, 25.6740



Deuteranomaly

94.2000, -64.1920, 17.9840



Tritanomaly

107.0920, -11.2820, 17.2460

Monochromacy



Original Color

108.0850, -17.4310, 46.0970



Achromatopsia

108.0000, -0.0000, 0.0000



Achromatomaly

108.0170, -6.6970, 16.7510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.0850, -17.4310, 46.0970 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(120, 83, 206)` looks like.

```
.text, #text, p{  
    color:rgb(120, 83, 206)  
}
```

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(120, 83, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 83, 206) }
```

Border

The CSS property to change the border of an element to YIQ 108.0850, -17.4310, 46.0970 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(120, 83, 206) }
```


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

```
.border{ border-color:rgb(120, 83, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 83, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 83, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 83, 206);  
box-shadow:4px 4px 4px 4px rgb(120, 83,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 108.0850, -17.4310, 46.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 83, 206) }
```

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

```
.background{ background-color: rgb(120, 83,  
206) }
```

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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