

Converting Colors

YIQ(106.5880, -16.9290,
59.0310)

Have a look what the booklet for
YIQ(106.5880, -16.9290, 59.0310)
contains.

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Color

**YIQ(106.5880, -16.9290,
59.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	7F49E2
RGB	127, 73, 226
RGB Percent	50%, 29%, 89%
CMY	0.5017, 0.7138, 0.1139
CMYK	0.44, 0.68, 0.00, 0.11
HSL	261°, 72%, 59%
HSV	261°, 68%, 89%
XYZ	24.8629, 14.7670, 73.4573
YIQ	106.5880, -16.9290, 59.0310

Conversions

Conversions Part 2

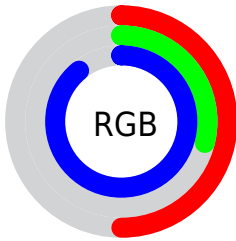
Format	Color
R_{YB}	127, 73, 226
Decimal	8341986
CIE _{Lab}	45.31, 55.49, -69.70
CIE _{LCh}	45, 89.090, 308.526
Yxy	14.7670, 0.2199, 0.1306
Android (android.graphics.Color)	4286532066 (0xFF7F49E2)
YUV	106.5880, 58.8701, 17.9013
Hunter-Lab	38.4278, 48.2416, -86.4374

Details

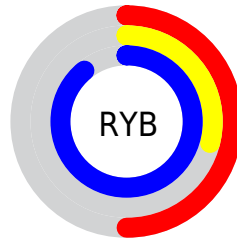
The YIQ color **106.5880, -16.9290, 59.0310** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **192.4120, 16.9290, -59.0310**, and the grayscale version is **106.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.0590, -5.3740, 53.3620**, and **50.1530, -20.1380, 56.6140** is the 20% darker color. If you saturate the color by 10%, you get **88.6020, -19.5440, 67.8800**, and if you desaturate by 10%, it is **124.5740, -14.3140, 50.1820**.

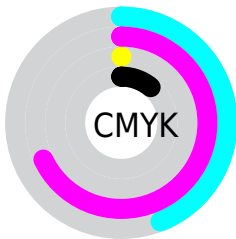
Distribution



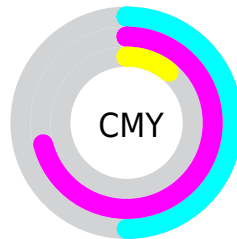
- Red (50%)
- Green (29%)
- Blue (89%)



- Red (50%)
- Yellow (29%)
- Blue (89%)



- Cyan (44%)
- Magenta (68%)
- Yellow (0%)
- Black (11%)




- Cyan (50%)
- Magenta (71%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 106.5880, -16.9290, 59.0310 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 106.5880, -16.9290, 59.0310 by changing the saturation by 10% instead.


 106.5880,
-16.9290, 59.0310


 106.5880,
-16.9290, 59.0310


255.0000, -0.0000,
-0.0000


 79.0500, -18.3500,
57.2500


 158.0590, -5.3740,
53.3620


 50.1530, -20.1380,
56.6140


 182.8780, 5.0810,
45.6010

 24.5600, -28.8940,
50.0980


 208.2840, 15.2610,
37.3170

 13.2240, -37.2360,
36.0760

 227.4110, 12.9250,
24.5810

 10.2600, -28.8900,
27.9900

 243.8470, 5.2250,
9.9370

 11.5190, -22.7900,
16.5540

 6.5490, -14.3070,

11.4930

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 106.5880,
-16.9290, 59.0310

■ 106.5880,
-16.9290, 59.0310

■ 88.6020, -19.5440,
67.8800

■ 124.5740,
-14.3140, 50.1820

■ 71.5020, -21.8380,
76.4180

■ 141.6740,
-12.0200, 41.6440

■ 53.5160, -24.4530,
85.2670

■ 159.6600, -9.4050,
32.7950

■ 49.6840, -24.8660,
87.2460

■ 176.7600, -7.1110,
24.2570

■ 194.7460, -4.4960,
15.4080

■ 212.7320, -1.8810,
6.5590

■ 229.8320, 0.4130,
-1.9790

■ 247.8180, 3.0280,
-10.8280

■ 251.6940, 9.3090,
-9.0190

Harmonies

Analogous

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



94.8140, -112.6550, 20.7290



106.5880, -16.9290, 59.0310



80.4750, 71.0490, 94.5770

Triad

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



106.5880, -16.9290, 59.0310



99.8610, 80.5580, -6.2100



94.4240, -78.4880, -31.3200

Complementary

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



106.5880, -16.9290, 59.0310



192.4120, 16.9290, -59.0310

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.



83.4290, -51.6620, -54.9420



106.5880, -16.9290, 59.0310



98.6450, 36.2270, -34.3090

Square

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



106.5880, -16.9290, 59.0310



72.2240, 120.9420, 43.8700



73.9620, -34.6500, -65.8980



102.6320, -101.6000, -8.9280

Rectangle

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



106.5880, -16.9290, 59.0310



81.1680, 99.2940, 83.7900



73.9620, -34.6500, -65.8980



90.7590, -69.5460, -39.1940

Sweetspot

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



106.5880, -16.9290, 59.0310



215.1960, -5.6430, 19.6770



148.5550, -76.3380, -4.1940



103.8230, -3.3950, 11.9730



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.



106.5880, -16.9290, 59.0310



93.4250, -22.9390, 79.8530



129.3120, 28.3670, 75.1430



103.4500, -1.1470, 4.2690



38.6020, -19.5440, 67.8800



10.5550, -5.2760, 18.5320

Inverse Universe

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



130.0330, 59.4090, 63.2250



125.1690, 80.3580, 85.5580



169.6880, -28.3670, -75.1430



105.0870, 4.3090, 4.5090



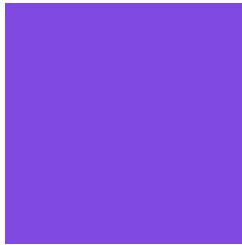
65.6200, 68.3020, 72.7660



17.8860, 18.6570, 19.8170

Previews

White Background



This preview shows how the YIQ color 106.5880, -16.9290, 59.0310 looks on a white background.

Color Contrast Check

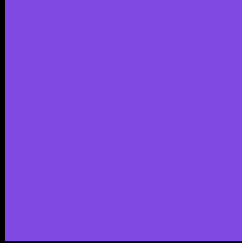
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.5880, -16.9290, 59.0310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

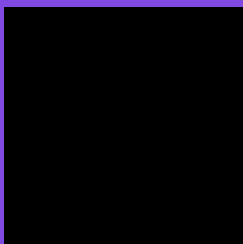
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 106.5880, -16.9290, 59.0310

Background



This preview shows how black text looks on a background with the YIQ color 106.5880, -16.9290, 59.0310.



This preview shows how white text looks on a background with the YIQ color 106.5880, -16.9290,

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

106.5880, -16.9290, 59.0310

Protanopia

85.4270, -98.6240, 14.2400

Deuteranopia

86.1160, -90.9190, 1.2490



Tritanopia

106.5200, -7.3360, 0.7920

Trichromacy



Original Color

106.5880, -16.9290, 59.0310

Protanomaly

93.0660, -69.1460, 30.6780

Deuteranomaly

93.7210, -64.1010, 21.8430

Tritanomaly

106.4390, -10.6410, 22.1510

Monochromacy



Original Color

106.5880, -16.9290, 59.0310

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.9510, -6.3310, 21.1330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.5880, -16.9290, 59.0310 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(127, 73, 226)` looks like.

```
.text, #text, p{  
    color:rgb(127, 73, 226)  
}
```

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(127, 73, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 73, 226) }
```

Border

The CSS property to change the border of an element to YIQ 106.5880, -16.9290, 59.0310 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(127, 73, 226) }
```


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

```
.border{ border-color:rgb(127, 73, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 73, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 73, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 73, 226);  
box-shadow:4px 4px 4px 4px rgb(127, 73,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 106.5880, -16.9290, 59.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 73, 226) }
```

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

```
.background{ background-color: rgb(127, 73,  
226) }
```

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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