

Converting Colors

YIQ(82.7060, 47.9890, 82.9730)

Have a look what the booklet for
YIQ(82.7060, 47.9890, 82.9730)
contains.

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Color

**YIQ(82.7060, 47.9890,
82.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	B410AB
RGB	180, 16, 171
RGB Percent	71%, 6%, 67%
CMY	0.2936, 0.9375, 0.3293
CMYK	0.00, 0.91, 0.05, 0.29
HSL	303°, 84%, 38%
HSV	303°, 91%, 71%
XYZ	26.3880, 13.0277, 39.6608
YIQ	82.7060, 47.9890, 82.9730

Conversions

Conversions Part 2

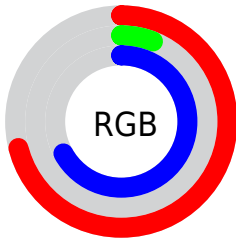
Format	Color
R_{YB}	180, 16, 171
Decimal	11800747
CIE _{Lab}	42.80, 72.71, -41.45
CIE _{LCh}	43, 83.694, 330.317
Yxy	13.0277, 0.3337, 0.1647
Android (android.graphics.Color)	4289990827 (0xFFB410AB)
YUV	82.7060, 43.5289, 85.3268
Hunter-Lab	36.0939, 67.3355, -39.8835

Details

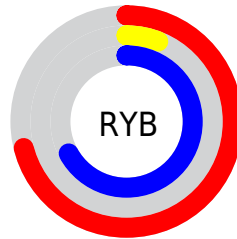
The YIQ color **82.7060, 47.9890, 82.9730** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **113.2940, -47.9890, -82.9730**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **150.1690, 44.8270, 74.1950**, and **49.9300, 34.8340, 62.5620** is the 20% darker color. If you saturate the color by 10%, you get **73.2000, 52.7100, 91.0300**, and if you desaturate by 10%, it is **93.3860, 42.7180, 73.8700**.

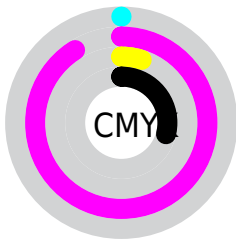
Distribution



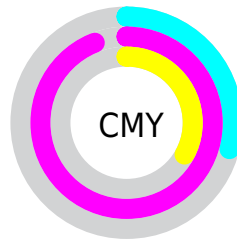
- Red (71%)
- Green (6%)
- Blue (67%)



- Red (71%)
- Yellow (6%)
- Blue (67%)



- Cyan (0%)
- Magenta (91%)
- Yellow (5%)
- Black (29%)





- Cyan (29%)
- Magenta (94%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 82.7060, 47.9890, 82.9730 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 82.7060, 47.9890, 82.9730 by changing the saturation by 10% instead.


 82.7060, 47.9890,
82.9730


 82.7060, 47.9890,
82.9730


255.0000, -0.0000,
-0.0000


 61.5650, 43.7720,
76.7960


 150.4680, 45.4230,
74.4070


 50.2290, 35.4300,
62.7740


 175.7550, 37.1250,
70.6050


 38.7080, 26.1710,
48.8510


 192.7780, 29.1500,
55.4380

 28.1980, 18.3790,
35.8750

 209.8010, 21.1750,
40.2710

 17.0900, 9.3950,
22.4750

 226.8240, 13.2000,
25.1040

 3.2090, -7.6580,
6.6300

 244.4340, 4.9500,

 0.0000, 0.0000,

9.4140

0.0000

■ 82.7060, 47.9890,
82.9730

■ 82.7060, 47.9890,
82.9730

■ 73.2000, 52.7100,
91.0300

■ 93.3860, 42.7180,
73.8700

■ 104.0660, 37.4470,
64.7670

■ 114.7460, 32.1760,
55.6640

■ 125.4260, 26.9050,
46.5610

■ 136.1060, 21.6340,
37.4580

■ 146.7860, 16.3630,
28.3550

■ 157.4660, 11.0920,
19.2520

■ 168.1460, 5.8210,
10.1490

■ 178.8260, 0.5500,
1.0460

Harmonies

Analogous

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



97.7750, -45.8570, 43.6390



82.7060, 47.9890, 82.9730



75.8420, 94.1600, 77.7120

Triad

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



82.7060, 47.9890, 82.9730



94.8900, 46.0830, -25.7010



94.5160, -89.7700, -14.0740

Complementary

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



82.7060, 47.9890, 82.9730



113.2940, -47.9890, -82.9730

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.



86.5360, -67.3000, -35.8440



82.7060, 47.9890, 82.9730



83.0420, -2.1000, -50.0680

Square

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



82.7060, 47.9890, 82.9730



91.6540, 85.8750, 2.0590



75.0680, -40.5200, -58.6320



98.7970, -105.9580, 3.9780

Rectangle

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



82.7060, 47.9890, 82.9730



70.7120, 108.6050, 63.7170



75.0680, -40.5200, -58.6320



92.0080, -82.7080, -20.9160

Sweetspot

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



82.7060, 47.9890, 82.9730



196.9760, 18.8840, 32.2280



37.0880, -47.8760, 52.7000



95.0530, 10.8170, 18.7290



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7060, 47.9890, 82.9730



95.5730, 68.7980, 118.8620



73.4720, 73.9900, 57.7820



83.7170, 2.4750, 4.7070



62.2770, 44.6430, 77.5310



10.5100, 7.7920, 12.9760

Inverse Universe

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



82.7060, 47.9890, 82.9730



95.5730, 68.7980, 118.8620



122.5280, -73.9900, -57.7820



83.7170, 2.4750, 4.7070



62.2770, 44.6430, 77.5310



10.5100, 7.7920, 12.9760

Previews

White Background



This preview shows how the YIQ color 82.7060, 47.9890, 82.9730 looks on a white background.

Color Contrast Check

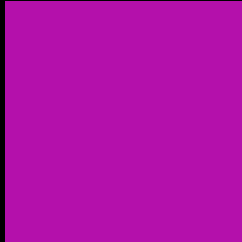
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.7060, 47.9890, 82.9730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

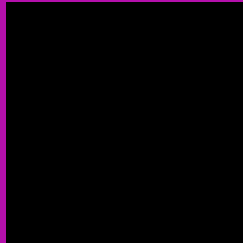
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.7060, 47.9890, 82.9730

Background



This preview shows how black text looks on a background with the YIQ color 82.7060, 47.9890, 82.9730.



This preview shows how white text looks on a background with the YIQ color 82.7060, 47.9890,

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

82.7060, 47.9890, 82.9730

Protanopia

82.0530, -94.6350, 13.5330

Deuteranopia

100.0440, -37.6900, 11.2540



Tritanopia

99.0680, 59.1870, 23.1790

Trichromacy



Original Color

82.7060, 47.9890, 82.9730



Protanomaly

82.2820, -43.1510, 38.6490



Deuteranomaly

93.6760, -6.3340, 37.7140



Tritanomaly

93.2150, 55.2400, 45.1600

Monochromacy



Original Color

82.7060, 47.9890, 82.9730



Achromatopsia

83.0000, -0.0000, 0.0000



Achromatomaly

83.0250, 17.1880, 29.9240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.7060, 47.9890, 82.9730 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(180, 16, 171)` looks like.

```
.text, #text, p{  
    color:rgb(180, 16, 171)  
}
```

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(180, 16, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 16, 171) }
```

Border

The CSS property to change the border of an element to YIQ 82.7060, 47.9890, 82.9730 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(180, 16, 171) }
```


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

```
.border{ border-color:rgb(180, 16, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 16, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 16, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 16, 171);  
box-shadow:4px 4px 4px 4px rgb(180, 16,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 82.7060, 47.9890, 82.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 16, 171) }
```

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

```
.background{ background-color: rgb(180, 16,  
171) }
```

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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