

Converting Colors

YIQ(73.4730, 45.8860, 49.4860)

Have a look what the booklet for
YIQ(73.4730, 45.8860, 49.4860)
contains.

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Color

**YIQ(73.4730, 45.8860,
49.4860)**

Conversions

Conversions Part 1

Format	Color
Hex	941D6B
RGB	148, 29, 107
RGB Percent	58%, 11%, 42%
CMY	0.4193, 0.8864, 0.5803
CMYK	0.00, 0.80, 0.28, 0.42
HSL	321°, 67%, 35%
HSV	321°, 80%, 58%
XYZ	15.3217, 8.2423, 14.7019
YIQ	73.4730, 45.8860, 49.4860

Conversions

Conversions Part 2

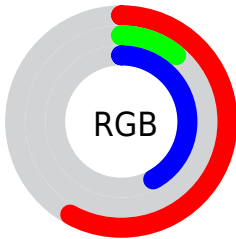
Format	Color
R_{YB}	148, 29, 107
Decimal	9706859
CIE _{Lab}	34.48, 54.52, -15.57
CIE _{LCh}	34, 56.701, 344.066
Yxy	8.2423, 0.4004, 0.2154
Android (android.graphics.Color)	4287896939 (0xFF941D6B)
YUV	73.4730, 16.5288, 65.3602
Hunter-Lab	28.7094, 45.0209, -10.2654

Details

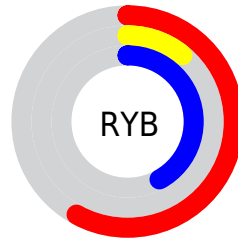
The YIQ color **73.4730, 45.8860, 49.4860** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **103.5270, -45.8860, -49.4860**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **130.3760, 47.5370, 47.0970**, and **34.6470, 36.1680, 38.3760** is the 20% darker color. If you saturate the color by 10%, you get **64.0980, 51.6160, 55.7760**, and if you desaturate by 10%, it is **82.8480, 40.1560, 43.1960**.

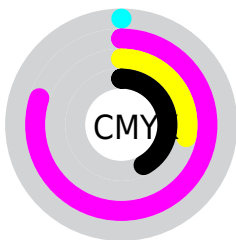
Distribution



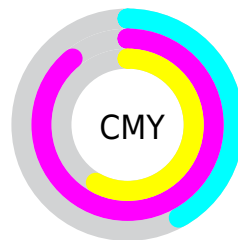
- Red (58%)
- Green (11%)
- Blue (42%)



- Red (58%)
- Yellow (11%)
- Blue (42%)



- Cyan (0%)
- Magenta (80%)
- Yellow (28%)
- Black (42%)





- Cyan (42%)
- Magenta (89%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 73.4730, 45.8860, 49.4860 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 73.4730, 45.8860, 49.4860 by changing the saturation by 10% instead.


 73.4730, 45.8860,
49.4860


 73.4730, 45.8860,
49.4860


255.0000, -0.0000,
-0.0000


 45.3420, 44.8770,
51.2530


 130.7890, 47.8120,
47.6200


 34.6470, 36.1680,
38.3760

 158.8600, 49.0500,
47.2100


 24.0660, 27.1380,
25.8100

 183.8810, 44.5570,
46.0370

 13.9690, 19.6210,
13.3570

 203.6230, 27.5480,
40.4120

 0.0000, 0.0000,
0.0000

 222.1280, 15.4000,
29.2880

 239.1510, 7.4250,

14.1210

■ 73.4730, 45.8860,
49.4860

■ 73.4730, 45.8860,
49.4860

■ 64.0980, 51.6160,
55.7760

■ 82.8480, 40.1560,
43.1960

■ 55.3100, 57.0710,
61.5430

■ 92.2230, 34.4260,
36.9060

■ 101.0110, 28.9710,
31.1390

■ 110.3860, 23.2410,
24.8490

■ 119.8750, 17.1900,
18.8700

■ 129.2500, 11.4600,
12.5800

■ 138.6250, 5.7300,
6.2900

■ 147.4130, 0.2750,
0.5230

■ 156.7880, -5.4550,
-5.7670

Harmonies

Analogous

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



82.5090, 1.5060, 38.8020



73.4730, 45.8860, 49.4860



66.9360, 69.0870, 42.0070

Triad

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



73.4730, 45.8860, 49.4860



74.4020, 24.0300, -28.0180



74.4150, -73.1280, -7.3040

Complementary

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



73.4730, 45.8860, 49.4860



103.5270, -45.8860, -49.4860

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.



70.3280, -60.2420, -20.5780



73.4730, 45.8860, 49.4860



61.1470, -15.3970, -45.8690

Square

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



73.4730, 45.8860, 49.4860



76.6710, 51.6740, -11.3820



64.3830, -44.8800, -34.6720



73.8570, -79.8240, 3.9200

Rectangle

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



73.4730, 45.8860, 49.4860



71.8150, 70.1450, 22.8250



64.3830, -44.8800, -34.6720



73.6340, -69.5510, -11.5590

Sweetspot

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



73.4730, 45.8860, 49.4860



162.1740, 17.7860, 19.0820



54.5260, -14.3590, 45.4890



79.4240, 10.9100, 11.5340



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



73.4730, 45.8860, 49.4860



75.1090, 71.4190, 76.8510



66.8610, 64.5040, 31.4480



69.5490, 2.8880, 2.7280



51.5220, 53.3580, 57.2460



3.7880, 3.7130, 4.2970

Inverse Universe

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



73.4730, 45.8860, 49.4860



75.1090, 71.4190, 76.8510



110.1390, -64.5040, -31.4480



69.5490, 2.8880, 2.7280



51.5220, 53.3580, 57.2460



3.7880, 3.7130, 4.2970

Previews

White Background



This preview shows how the YIQ color 73.4730, 45.8860, 49.4860 looks on a white background.

Color Contrast Check

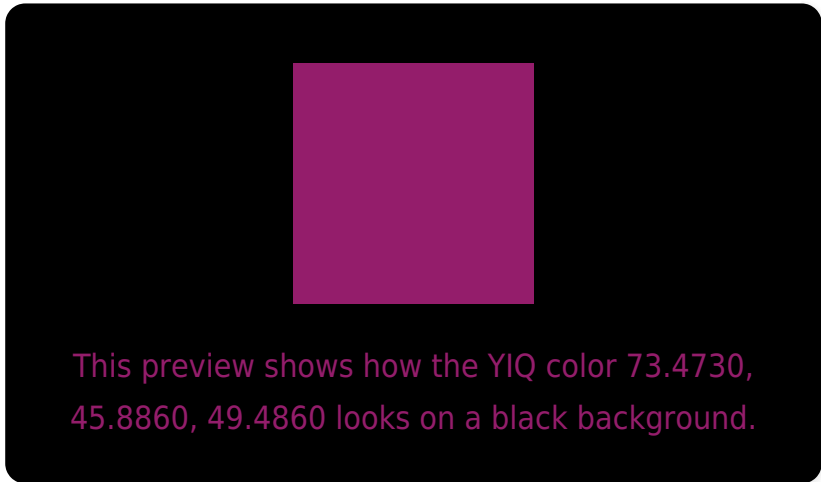
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

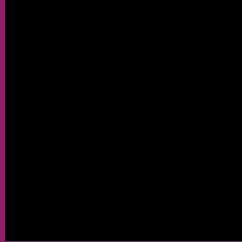
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.4730, 45.8860, 49.4860

Background



This preview shows how black text looks on a background with the YIQ color 73.4730, 45.8860, 49.4860.



This preview shows how white text looks on a background with the YIQ color 73.4730, 45.8860,

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

73.4730, 45.8860, 49.4860

Protanopia

79.9240, -37.2320, 13.9680

Deuteranopia

83.5790, -5.8240, 6.4320



Tritanopia

77.6330, 55.9780, 20.7620

Trichromacy



Original Color

73.4730, 45.8860, 49.4860

Protanomaly

77.6400, -6.6530, 26.9710

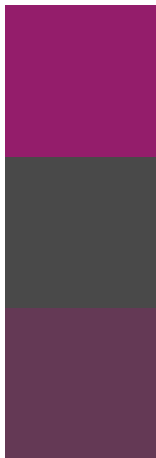
Deuteranomaly

79.8300, 13.0630, 22.0790

Tritanomaly

76.1030, 52.0790, 30.8550

Monochromacy



Original Color

73.4730, 45.8860, 49.4860

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.0490, 16.6400, 17.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.4730, 45.8860, 49.4860 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(148, 29, 107)` looks like.

```
.text, #text, p{  
    color:rgb(148, 29, 107)  
}
```

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(148, 29, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 29, 107) }
```

Border

The CSS property to change the border of an element to YIQ 73.4730, 45.8860, 49.4860 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(148, 29, 107) }
```


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

```
.border{ border-color:rgb(148, 29, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 29, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 29, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 29, 107);  
box-shadow:4px 4px 4px 4px rgb(148, 29,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 73.4730, 45.8860, 49.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 29, 107) }
```

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

```
.background{ background-color: rgb(148, 29,  
107) }
```

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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