

Converting Colors

YIQ(73.7830, 47.9490, 50.6450)

Have a look what the booklet for
YIQ(73.7830, 47.9490, 50.6450)
contains.

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Color

**YIQ(73.7830, 47.9490,
50.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	971C6B
RGB	151, 28, 107
RGB Percent	59%, 11%, 42%
CMY	0.4075, 0.8904, 0.5803
CMYK	0.00, 0.81, 0.29, 0.41
HSL	321°, 69%, 35%
HSV	321°, 81%, 59%
XYZ	15.8483, 8.4780, 14.7201
YIQ	73.7830, 47.9490, 50.6450

Conversions

Conversions Part 2

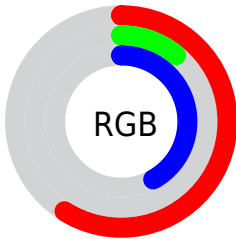
Format	Color
R_{YB}	151, 28, 107
Decimal	9903211
CIE _{Lab}	34.96, 55.55, -14.79
CIE _{LCh}	35, 57.485, 345.094
Y _{xy}	8.4780, 0.4059, 0.2171
Android (android.graphics.Color)	4288093291 (0xFF971C6B)
YUV	73.7830, 16.3760, 67.7193
Hunter-Lab	29.1169, 46.2027, -9.5923

Details

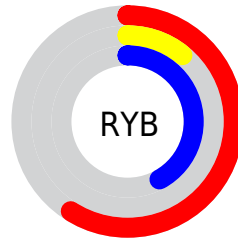
The YIQ color **73.7830, 47.9490, 50.6450** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **105.2170, -47.9490, -50.6450**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5720, 49.9210, 47.9450**, and **35.2450, 37.3600, 38.8000** is the 20% darker color. If you saturate the color by 10%, you get **64.4080, 53.6790, 56.9350**, and if you desaturate by 10%, it is **83.1580, 42.2190, 44.3550**.

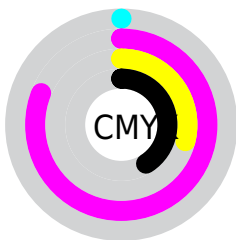
Distribution



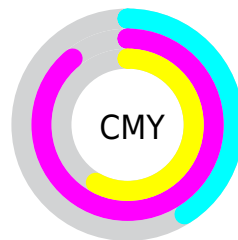
- Red (59%)
- Green (11%)
- Blue (42%)



- Red (59%)
- Yellow (11%)
- Blue (42%)



- Cyan (0%)
- Magenta (81%)
- Yellow (29%)
- Black (41%)





- Cyan (41%)
- Magenta (89%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 73.7830, 47.9490, 50.6450 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 73.7830, 47.9490, 50.6450 by changing the saturation by 10% instead.


 73.7830, 47.9490,
50.6450


 73.7830, 47.9490,
50.6450


255.0000, -0.0000,
-0.0000


 46.2390, 46.6650,
51.8890


 131.5720, 49.9210,
47.9450


 35.2450, 37.3600,
38.8000

 159.7570, 50.8380,
47.8460


 24.9630, 28.9260,
26.4460

 183.8810, 44.5570,
46.0370

 14.5670, 20.8130,
13.7810

 203.6230, 27.5480,
40.4120

 0.0000, 0.0000,
0.0000

 222.1280, 15.4000,
29.2880

 239.1510, 7.4250,

14.1210

■ 73.7830, 47.9490,
50.6450

■ 73.7830, 47.9490,
50.6450

■ 64.4080, 53.6790,
56.9350

■ 83.1580, 42.2190,
44.3550

■ 56.2070, 58.8590,
62.1790

■ 92.6470, 36.1680,
38.3760

■ 102.0220, 30.4380,
32.0860

■ 111.5110, 24.3870,
26.1070

■ 121.4730, 18.3820,
19.2940

■ 130.8480, 12.6520,
13.0040

■ 140.3370, 6.6010,
7.0250

■ 149.7120, 0.8710,
0.7350

■ 159.2010, -5.1800,
-5.2440

Harmonies

Analogous

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



83.8190, 3.5690, 39.9610



73.7830, 47.9490, 50.6450



67.4200, 70.6000, 42.1200

Triad

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



73.7830, 47.9490, 50.6450



74.9890, 23.7550, -28.5410



75.4580, -74.6870, -6.5830

Complementary

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



73.7830, 47.9490, 50.6450



105.2170, -47.9490, -50.6450

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.



71.8440, -61.7550, -20.6910



73.7830, 47.9490, 50.6450



60.0540, -19.5690, -47.3530

Square

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



73.7830, 47.9490, 50.6450



77.8450, 51.1240, -12.4280



65.1980, -45.7970, -34.5730



74.7860, -81.0620, 4.3300

Rectangle

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



73.7830, 47.9490, 50.6450



72.8860, 71.3830, 22.4150



65.1980, -45.7970, -34.5730



74.5630, -70.7890, -11.1490

Sweetspot

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



73.7830, 47.9490, 50.6450



166.4730, 18.3820, 19.2940



54.8790, -13.8550, 47.3690



81.4240, 10.9100, 11.5340



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



73.7830, 47.9490, 50.6450



75.5440, 74.6280, 79.2680



66.8290, 67.5300, 31.6740



71.9620, 3.1630, 3.2510



52.1200, 54.5500, 57.6700



4.7990, 5.1800, 5.2440

Inverse Universe

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



73.7830, 47.9490, 50.6450



75.5440, 74.6280, 79.2680



112.1710, -67.5300, -31.6740



71.9620, 3.1630, 3.2510



52.1200, 54.5500, 57.6700



4.7990, 5.1800, 5.2440

Previews

White Background



This preview shows how the YIQ color 73.7830, 47.9490, 50.6450 looks on a white background.

Color Contrast Check

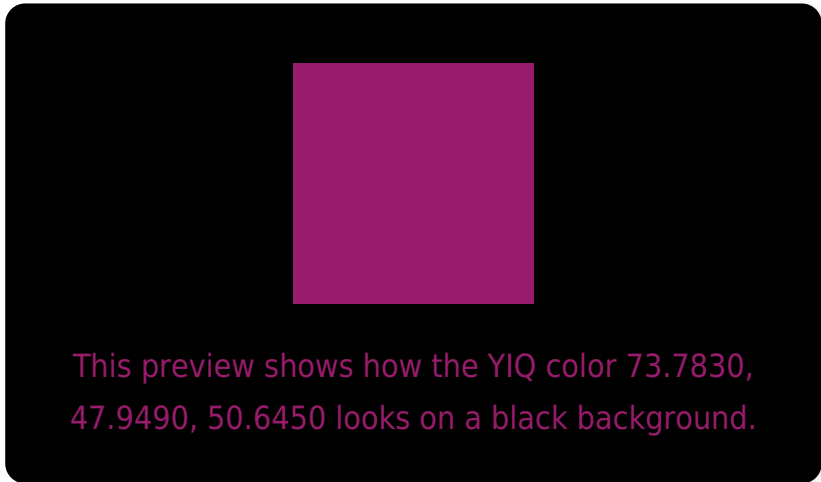
Large Text (above 18pt) WCAG AA ✓ Pass

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

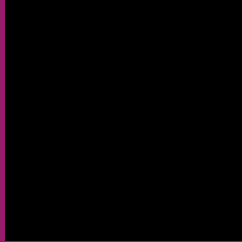
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.7830, 47.9490, 50.6450

Background



This preview shows how black text looks on a background with the YIQ color 73.7830, 47.9490, 50.6450.



This preview shows how white text looks on a background with the YIQ color 73.7830, 47.9490,

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

73.7830, 47.9490, 50.6450

Protanopia

81.2230, -36.6360, 14.1800

Deuteranopia

84.6500, -4.5860, 6.0220



Tritanopia

77.9430, 58.0410, 21.9210

Trichromacy



Original Color

73.7830, 47.9490, 50.6450

Protanomaly

78.3520, -5.7820, 27.7060

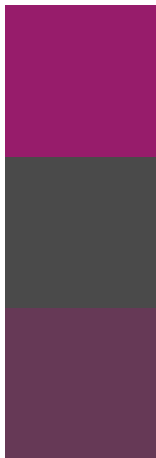
Deuteranomaly

80.4280, 14.2550, 22.5030

Tritanomaly

76.4130, 54.1420, 32.0140

Monochromacy



Original Color

73.7830, 47.9490, 50.6450

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.7610, 17.5110, 18.5590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.7830, 47.9490, 50.6450 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(151, 28, 107)` looks like.

```
.text, #text, p{  
    color:rgb(151, 28, 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(151, 28, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 28, 107) }
```

Border

The CSS property to change the border of an element to YIQ 73.7830, 47.9490, 50.6450 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(151, 28, 107) }
```


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

```
.border{ border-color:rgb(151, 28, 107) }
```

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

Here you see how a box with a 4 pixel rgb(151, 28, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 28, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 28, 107);  
box-shadow:4px 4px 4px 4px rgb(151, 28,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 73.7830, 47.9490, 50.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 28, 107) }
```

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

```
.background{ background-color: rgb(151, 28,  
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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