

Converting Colors

YIQ(76.3010, 78.4850, 47.9010)

Have a look what the booklet for
YIQ(76.3010, 78.4850, 47.9010)
contains.

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Color

**YIQ(76.3010, 78.4850,
47.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	B51847
RGB	181, 24, 71
RGB Percent	71%, 9%, 28%
CMY	0.2898, 0.9061, 0.7213
CMYK	0.00, 0.87, 0.61, 0.29
HSL	342°, 77%, 40%
HSV	342°, 87%, 71%
XYZ	20.5450, 10.9426, 7.0023
YIQ	76.3010, 78.4850, 47.9010

Conversions

Conversions Part 2

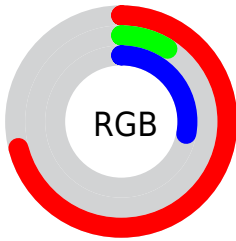
Format	Color
R_{YB}	181, 24, 71
Decimal	11868231
CIE Lab	39.48, 60.92, 15.53
CIE LCh	39, 62.868, 14.304
Yxy	10.9426, 0.5338, 0.2843
Android (android.graphics.Color)	4290058311 (0xFFB51847)
YUV	76.3010, -2.6134, 91.8210
Hunter-Lab	33.0796, 52.9734, 10.6051

Details

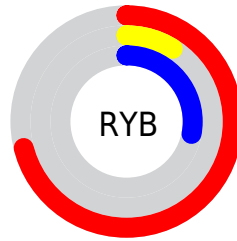
The YIQ color **76.3010, 78.4850, 47.9010** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **128.6990, -78.4850, -47.9010**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **138.4660, 82.1540, 41.9780**, and **39.3710, 63.1280, 34.3600** is the 20% darker color. If you saturate the color by 10%, you get **64.2530, 87.6080, 53.2720**, and if you desaturate by 10%, it is **88.3490, 69.3620, 42.5300**.

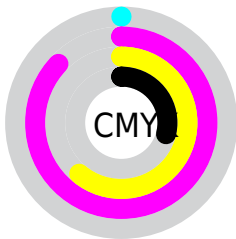
Distribution



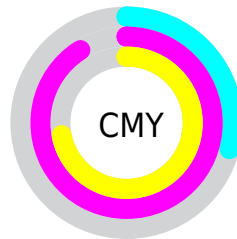
- Red (71%)
- Green (9%)
- Blue (28%)



- Red (71%)
- Yellow (9%)
- Blue (28%)



- Cyan (0%)
- Magenta (87%)
- Yellow (61%)
- Black (29%)





- Cyan (29%)
- Magenta (91%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 76.3010, 78.4850, 47.9010 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 76.3010, 78.4850, 47.9010 by changing the saturation by 10% instead.


 76.3010, 78.4850,
47.9010


 76.3010, 78.4850,
47.9010


255.0000, -0.0000,
-0.0000


 50.7350, 74.2670,
47.2510


 138.4660, 82.1540,
41.9780


 39.4850, 62.8070,
34.6710


 162.0410, 72.9850,
37.4410


 27.7360, 54.1900,
20.1260

 181.4410, 56.9390,
30.8830

 19.4780, 37.1810,
14.5010

 201.5420, 40.2970,
24.1130

 8.7850, 16.9630,
6.4590

 221.7570, 23.3340,
17.6540

 0.0000, 0.0000,
0.0000

 242.0860, 6.0500,

11.5060

■ 76.3010, 78.4850,
47.9010

■ 76.3010, 78.4850,
47.9010

■ 64.2530, 87.6080,
53.2720

■ 88.3490, 69.3620,
42.5300

■ 60.2750, 90.5420,
55.1660

■ 100.2830, 60.5600,
36.8480

■ 112.3310, 51.4370,
31.4770

■ 124.3790, 42.3140,
26.1060

■ 136.9000, 33.2370,
19.9010

■ 148.9480, 24.1140,
14.5300

■ 160.9960, 14.9910,
9.1590

■ 173.0440, 5.8680,
3.7880

■ 184.9780, -2.9340,
-1.8940

Harmonies

Analogous

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



83.8100, 52.4870, 56.5110



76.3010, 78.4850, 47.9010



84.0250, 77.9410, 13.6930

Triad

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



76.3010, 78.4850, 47.9010



69.0770, -18.3760, -52.4560



84.8110, -91.3780, 4.0620

Complementary

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



76.3010, 78.4850, 47.9010



128.6990, -78.4850, -47.9010

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.



85.0270, -83.7190, -8.0950



76.3010, 78.4850, 47.9010



73.5130, -51.2980, -39.5060

Square

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



76.3010, 78.4850, 47.9010



84.7350, 27.2860, -31.9620



80.8430, -69.1820, -23.7580



75.5330, -87.2990, 12.7410

Rectangle

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



76.3010, 78.4850, 47.9010



86.8040, 67.5370, -7.0150



80.8430, -69.1820, -23.7580



85.7740, -89.9560, 0.3160

Sweetspot

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



76.3010, 78.4850, 47.9010



194.2910, 30.5780, 18.5300



74.7880, 15.1630, 72.1470



93.0180, 17.9250, 11.0530



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.



76.3010, 78.4850, 47.9010



78.2450, 117.5900, 71.5900



89.1400, 85.0470, 17.0710



85.9190, 4.7220, 2.5300



52.0020, 77.8890, 47.6890



9.2840, 14.1200, 8.4240

Inverse Universe

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



76.3010, 78.4850, 47.9010



78.2450, 117.5900, 71.5900



115.8600, -85.0470, -17.0710



85.9190, 4.7220, 2.5300



52.0020, 77.8890, 47.6890



9.2840, 14.1200, 8.4240

Previews

White Background



This preview shows how the YIQ color 76.3010, 78.4850, 47.9010 looks on a white background.

Color Contrast Check

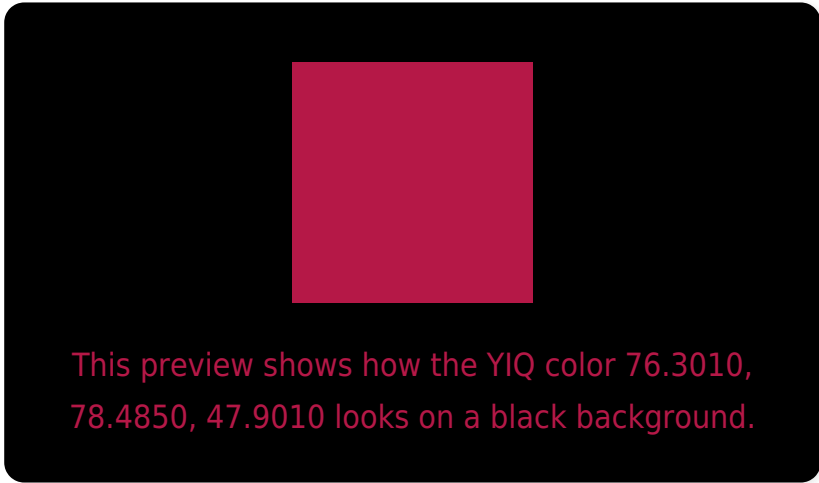
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

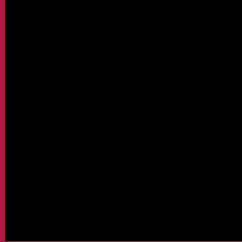
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.3010, 78.4850, 47.9010

Background



This preview shows how black text looks on a background with the YIQ color 76.3010, 78.4850, 47.9010.



This preview shows how white text looks on a background with the YIQ color 76.3010, 78.4850,

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

76.3010, 78.4850, 47.9010

Protanopia

94.7980, -2.2470, 2.1770

Deuteranopia

93.9130, 22.0540, -3.2100



Tritanopia

78.3550, 86.4200, 30.7400

Trichromacy



Original Color

76.3010, 78.4850, 47.9010

Protanomaly

88.4370, 27.2310, 18.6150

Deuteranomaly

87.6420, 42.5910, 15.5750

Tritanomaly

77.4890, 83.3470, 36.8750

Monochromacy



Original Color

76.3010, 78.4850, 47.9010

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.9810, 28.5150, 17.3710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.3010, 78.4850, 47.9010 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(181, 24, 71)` looks like.

```
.text, #text, p{  
    color:rgb(181, 24, 71)  
}
```

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(181, 24, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 24, 71) }
```

Border

The CSS property to change the border of an element to YIQ 76.3010, 78.4850, 47.9010 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(181, 24, 71) }
```


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

```
.border{ border-color:rgb(181, 24, 71) }
```

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

Here you see how a box with a 4 pixel rgb(181, 24, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 24, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 24, 71);  
box-shadow:4px 4px 4px 4px rgb(181, 24,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 76.3010, 78.4850, 47.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 24, 71) }
```

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

```
.background{ background-color: rgb(181, 24,  
71) }
```

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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