

Converting Colors

YIQ(71.4540, 82.4280, 48.0280)

Have a look what the booklet for
YIQ(71.4540, 82.4280, 48.0280)
contains.

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Color

**YIQ(71.4540, 82.4280,
48.0280)**

Conversions

Conversions Part 1

Format	Color
Hex	B4123E
RGB	180, 18, 62
RGB Percent	71%, 7%, 24%
CMY	0.2937, 0.9296, 0.7566
CMYK	0.00, 0.90, 0.66, 0.29
HSL	344°, 82%, 39%
HSV	344°, 90%, 71%
XYZ	19.9337, 10.4950, 5.5433
YIQ	71.4540, 82.4280, 48.0280

Conversions

Conversions Part 2

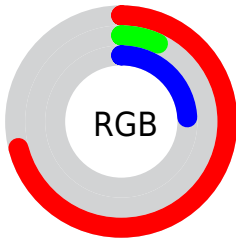
Format	Color
R_{YB}	180, 18, 62
Decimal	11801150
CIE _{Lab}	38.72, 61.22, 20.21
CIE _{LCh}	39, 64.470, 18.272
Yxy	10.4950, 0.5541, 0.2918
Android (android.graphics.Color)	4289991230 (0xFFB4123E)
YUV	71.4540, -4.6608, 95.1948
Hunter-Lab	32.3959, 53.1406, 12.5320

Details

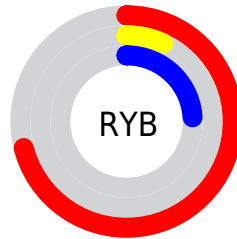
The YIQ color **71.4540, 82.4280, 48.0280** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **126.5460, -82.4280, -48.0280**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **135.2660, 85.5930, 40.2250**, and **37.9750, 64.1830, 31.7590** is the 20% darker color. If you saturate the color by 10%, you get **59.4060, 91.5510, 53.3990**, and if you desaturate by 10%, it is **83.5020, 73.3050, 42.6570**.

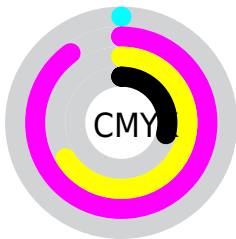
Distribution



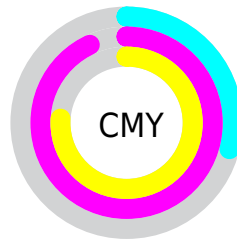
- Red (71%)
- Green (7%)
- Blue (24%)



- Red (71%)
- Yellow (7%)
- Blue (24%)



- Cyan (0%)
- Magenta (90%)
- Yellow (66%)
- Black (29%)





- Cyan (29%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 71.4540, 82.4280, 48.0280 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 71.4540, 82.4280, 48.0280 by changing the saturation by 10% instead.


 71.4540, 82.4280,
48.0280


 71.4540, 82.4280,
48.0280


255.0000, -0.0000,
-0.0000

 49.5240, 76.2390,
44.5510


 135.2660, 85.5930,
40.2250


 37.9750, 64.1830,
31.7590


 159.0260, 77.3410,
35.5890

 26.9100, 53.6400,
19.0800

 178.5400, 60.9740,
29.3420

 18.8800, 35.9890,
14.0770

 198.5270, 44.6530,
22.2610

 7.5890, 14.5790,
5.6110

 218.7420, 27.6900,
15.8020

 0.0000, 0.0000,
0.0000

 239.0710, 10.4060,

9.6540

■ 71.4540, 82.4280,
48.0280

■ 71.4540, 82.4280,
48.0280

■ 59.4060, 91.5510,
53.3990

■ 83.5020, 73.3050,
42.6570

■ 95.5500, 64.1820,
37.2860

■ 107.5980, 55.0590,
31.9150

■ 119.7600, 45.6150,
26.8550

■ 131.8080, 36.4920,
21.4840

■ 143.8560, 27.3690,
16.1130

■ 155.9040, 18.2460,
10.7420

■ 167.9520, 9.1230,
5.3710

■ 180.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



76.1640, 60.4180, 61.4580



71.4540, 82.4280, 48.0280



81.7060, 80.0970, 7.6570

Triad

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



71.4540, 82.4280, 48.0280



63.7380, -30.6630, -55.5510



83.2780, -91.1950, 6.2530

Complementary

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



71.4540, 82.4280, 48.0280



126.5460, -82.4280, -48.0280

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.



84.4230, -84.7740, -5.4940



71.4540, 82.4280, 48.0280



73.4960, -52.6280, -37.4280

Square

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



71.4540, 82.4280, 48.0280



82.0440, 21.9220, -33.8700



80.3530, -70.5580, -20.8460



72.9570, -85.5570, 14.2110

Rectangle

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



71.4540, 82.4280, 48.0280



85.5970, 63.6860, -8.8100



80.3530, -70.5580, -20.8460



84.3550, -90.0940, 2.8180

Sweetspot

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



71.4540, 82.4280, 48.0280



192.0740, 32.6870, 18.8550



71.1520, 17.1340, 74.9740



92.2030, 18.8420, 10.9540



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.



71.4540, 82.4280, 48.0280



77.5610, 119.5160, 69.7240



86.9830, 86.9270, 16.0390



83.0330, 4.4010, 2.8410



50.5350, 77.7060, 45.4980



8.5720, 13.2490, 7.6890

Inverse Universe

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



71.4540, 82.4280, 48.0280



77.5610, 119.5160, 69.7240



111.0170, -86.9270, -16.0390



83.0330, 4.4010, 2.8410



50.5350, 77.7060, 45.4980



8.5720, 13.2490, 7.6890

Previews

White Background



This preview shows how the YIQ color 71.4540, 82.4280, 48.0280 looks on a white background.

Color Contrast Check

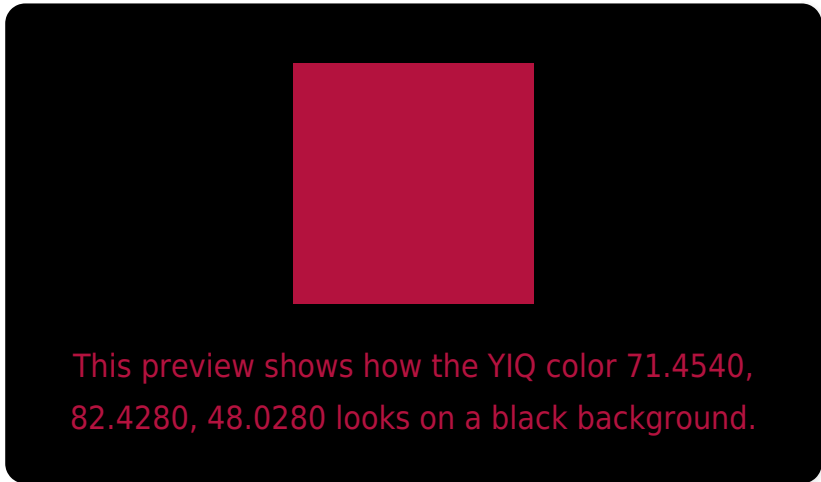
Large Text (above 18pt) WCAG AA ✓ Pass

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

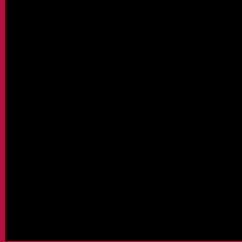
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.4540, 82.4280, 48.0280

Background



This preview shows how black text looks on a background with the YIQ color 71.4540, 82.4280, 48.0280.



This preview shows how white text looks on a background with the YIQ color 71.4540, 82.4280,

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

71.4540, 82.4280, 48.0280

Protanopia

93.2560, 2.1550, -0.5090

Deuteranopia

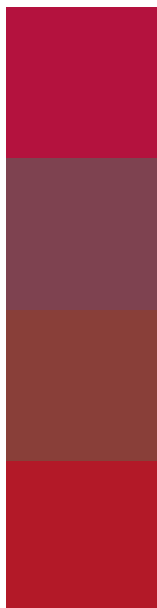
92.1860, 25.5390, -5.7970



Tritanopia

73.7360, 89.7210, 31.4890

Trichromacy



Original Color

71.4540, 82.4280, 48.0280

Protanomaly

85.5360, 31.2660, 17.0740

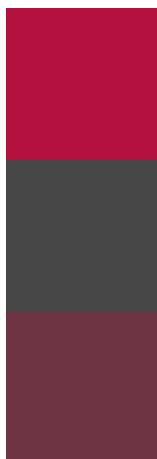
Deuteranomaly

84.4420, 46.0300, 13.8220

Tritanomaly

72.7560, 86.9690, 37.3130

Monochromacy



Original Color

71.4540, 82.4280, 48.0280

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.4650, 30.0280, 17.4840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.4540, 82.4280, 48.0280 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, 18, 62)` looks like.

```
.text, #text, p{  
    color:rgb(180, 18, 62)  
}
```

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, 18, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 18, 62) }
```

Border

The CSS property to change the border of an element to YIQ 71.4540, 82.4280, 48.0280 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, 18, 62) }
```


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

```
.border{ border-color:rgb(180, 18, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 18, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 18, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 18, 62);  
box-shadow:4px 4px 4px 4px rgb(180, 18,  
62) }
```

Background

The CSS property to change the background color of an element to YIQ 71.4540, 82.4280, 48.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 18, 62) }
```

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

```
.background{ background-color: rgb(180, 18,  
62) }
```

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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