

Converting Colors

YIQ(48.1040, 68.6740, 43.9860)

Have a look what the booklet for
YIQ(48.1040, 68.6740, 43.9860)
contains.

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Color

**YIQ(48.1040, 68.6740,
43.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	8D012F
RGB	141, 1, 47
RGB Percent	55%, 0%, 18%
CMY	0.4467, 0.9962, 0.8154
CMYK	0.00, 0.99, 0.67, 0.45
HSL	340°, 99%, 28%
HSV	340°, 99%, 55%
XYZ	11.5247, 5.8970, 3.2265
YIQ	48.1040, 68.6740, 43.9860

Conversions

Conversions Part 2

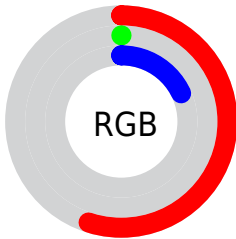
Format	Color
RYB	141, 1, 47
Decimal	9240879
CIELab	29.15, 52.86, 15.96
CIELCh	29, 55.216, 16.797
Yxy	5.8970, 0.5581, 0.2856
Android (android.graphics.Color)	4287430959 (0xFF8D012F)
YUV	48.1040, -0.5443, 81.4698
Hunter-Lab	24.2837, 42.2174, 9.1208

Details

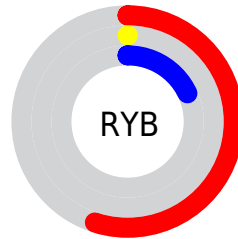
The YIQ color **48.1040, 68.6740, 43.9860** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **93.8960, -68.6740, -43.9860**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **112.2640, 70.7390, 34.0910**, and **24.8170, 49.4680, 17.5960** is the 20% darker color. If you saturate the color by 10%, you get **47.4030, 69.2700, 44.1980**, and if you desaturate by 10%, it is **57.4620, 61.6140, 39.7740**.

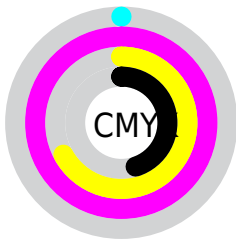
Distribution



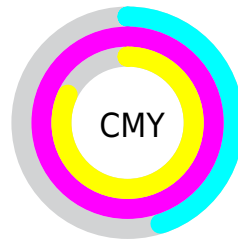
- Red (55%)
- Green (0%)
- Blue (18%)



- Red (55%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (99%)
- Yellow (67%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.1040, 68.6740, 43.9860 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 48.1040, 68.6740, 43.9860 by changing the saturation by 10% instead.

■ 48.1040, 68.6740,
43.9860

■ 48.1040, 68.6740,
43.9860

■ 255.0000, -0.0000,
-0.0000

■ 36.5660, 58.0850,
32.1410

■ 112.3780, 70.4180,
34.4020

■ 25.1160, 50.0640,
17.8080

■ 140.5200, 72.8940,
33.5820

■ 17.2710, 33.3300,
12.7060

■ 166.5090, 71.4270,
32.6350

■ 4.4850, 8.9400,
3.1800

■ 185.9090, 55.3810,
26.0770


■ 0.0000, 0.0000,
0.0000


■ 205.4230, 39.0140,
19.8300


■ 225.6380, 22.0510,


13.3710


 245.9670, 4.7670,
7.2230


 48.1040, 68.6740,
43.9860


 48.1040, 68.6740,
43.9860


 47.4030, 69.2700,
44.1980

 57.4620, 61.6140,
39.7740

 66.7060, 54.8750,
35.2510

 75.9500, 48.1360,
30.7280

 85.3080, 41.0760,
26.5160

 95.1390, 34.0620,
21.4700

■ 104.4970, 27.0020,
17.2580

■ 113.7410, 20.2630,
12.7350

■ 123.0990, 13.2030,
8.5230

■ 132.3430, 6.4640,
4.0000

Harmonies

Analogous

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



53.7340, 49.6450, 52.9490



48.1040, 68.6740, 43.9860



60.2190, 65.4710, 8.4070

Triad

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



48.1040, 68.6740, 43.9860



48.1340, -22.5500, -42.8860



63.8150, -70.8380, 6.2660

Complementary

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



48.1040, 68.6740, 43.9860



93.8960, -68.6740, -43.9860

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.



64.8290, -65.4260, -3.7140



48.1040, 68.6740, 43.9860



55.3670, -38.7830, -29.5270

Square

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



48.1040, 68.6740, 43.9860



62.2750, 17.1980, -25.3460



61.5570, -53.4570, -16.8890



56.0700, -66.9420, 12.7540

Rectangle

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



48.1040, 68.6740, 43.9860



64.3000, 51.5810, -4.1870



61.5570, -53.4570, -16.8890



65.0060, -70.0580, 3.1420

Sweetspot

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



48.1040, 68.6740, 43.9860



147.4970, 27.0020, 17.2580



44.7670, 10.4880, 63.2560



70.1210, 16.1370, 10.4170



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



48.1040, 68.6740, 43.9860



61.8560, 90.4040, 57.6680



56.3610, 77.1150, 17.6510



66.4350, 3.2090, 2.4170



45.3810, 66.3360, 42.3040



2.7340, 3.8050, 2.6290

Inverse Universe

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



48.1040, 68.6740, 43.9860



61.8560, 90.4040, 57.6680



85.6390, -77.1150, -17.6510



66.4350, 3.2090, 2.4170



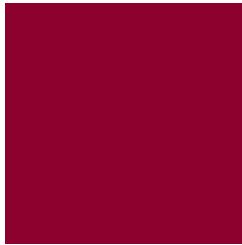
45.3810, 66.3360, 42.3040



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 48.1040, 68.6740, 43.9860 looks on a white background.

Color Contrast Check

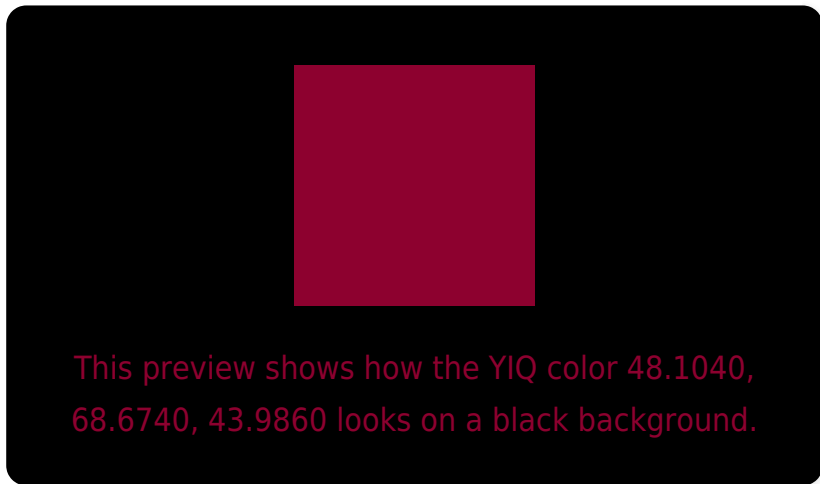
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.1040, 68.6740, 43.9860

Background



This preview shows how black text looks on a background with the YIQ color 48.1040, 68.6740, 43.9860.



This preview shows how white text looks on a background with the YIQ color 48.1040, 68.6740,

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

48.1040, 68.6740, 43.9860

Protanopia

72.2560, 2.1550, -0.5090

Deuteranopia

71.4890, 20.3120, -4.6800



Tritanopia

54.9510, 72.7580, 25.0300

Trichromacy



Original Color

48.1040, 68.6740, 43.9860

Protanomaly

63.2580, 26.1770, 15.6890

Deuteranomaly

62.7230, 37.8690, 13.0450

Tritanomaly

52.0960, 71.1520, 32.1120

Monochromacy



Original Color

48.1040, 68.6740, 43.9860

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

48.1870, 24.9390, 16.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.1040, 68.6740, 43.9860 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(141, 1, 47)` looks like.

```
.text, #text, p{  
    color:rgb(141, 1, 47)  
}
```

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(141, 1, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 1, 47) }
```

Border

The CSS property to change the border of an element to YIQ 48.1040, 68.6740, 43.9860 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(141, 1, 47) }
```


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

```
.border{ border-color:rgb(141, 1, 47) }
```

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

Here you see how a box with a 4 pixel rgb(141, 1, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 1, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 1, 47);  
box-shadow:4px 4px 4px 4px rgb(141, 1, 47)  
}
```

Background

The CSS property to change the background color of an element to YIQ 48.1040, 68.6740, 43.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 1, 47) }
```

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

```
.background{ background-color: rgb(141, 1,  
47) }
```

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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