

Converting Colors

YIQ(41.4720, 38.4590, 46.4190)

Have a look what the booklet for
YIQ(41.4720, 38.4590, 46.4190)
contains.

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Color

**YIQ(41.4720, 38.4590,
46.4190)**

Conversions

Conversions Part 1

Format	Color
Hex	6B014E
RGB	107, 1, 78
RGB Percent	42%, 0%, 31%
CMY	0.5801, 0.9962, 0.6940
CMYK	0.00, 0.99, 0.27, 0.58
HSL	316°, 98%, 21%
HSV	316°, 99%, 42%
XYZ	7.4590, 3.7017, 7.5336
YIQ	41.4720, 38.4590, 46.4190

Conversions

Conversions Part 2

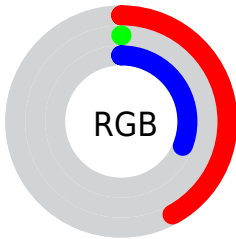
Format	Color
RYB	107, 1, 78
Decimal	7012686
CIELab	22.66, 47.43, -15.45
CIELCh	23, 49.884, 341.956
Yxy	3.7017, 0.3990, 0.1980
Android (android.graphics.Color)	4285202766 (0xFF6B014E)
YUV	41.4720, 18.0083, 57.4681
Hunter-Lab	19.2398, 35.5322, -9.7478

Details

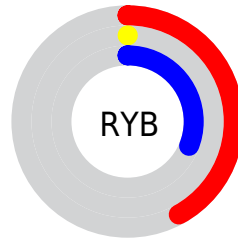
The YIQ color **41.4720, 38.4590, 46.4190** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **66.5280, -38.4590, -46.4190**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **100.4840, 38.1850, 40.3690**, and **20.6200, 22.4620, 22.4460** is the 20% darker color. If you saturate the color by 10%, you get **40.8850, 38.7340, 46.9420**, and if you desaturate by 10%, it is **48.2710, 34.4710, 41.5990**.

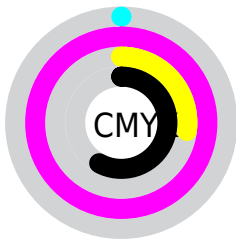
Distribution



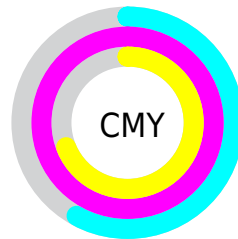
- Red (42%)
- Green (0%)
- Blue (31%)



- Red (42%)
- Yellow (0%)
- Blue (31%)



- Cyan (0%)
- Magenta (99%)
- Yellow (27%)
- Black (58%)





- Cyan (58%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 41.4720, 38.4590, 46.4190 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 41.4720, 38.4590, 46.4190 by changing the saturation by 10% instead.


 41.4720, 38.4590,
46.4190


 41.4720, 38.4590,
46.4190


255.0000, -0.0000,
-0.0000


 30.4890, 30.6210,
34.2770

 100.4840, 38.1850,
40.3690


 20.6200, 22.4620,
22.4460


 127.6690, 39.1020,
40.2700

 9.2840, 14.1200,
8.4240

 154.6800, 40.5690,
41.2170


 0.0000, 0.0000,
0.0000


 182.6910, 42.0360,
42.1640


 204.1130, 28.9240,
37.5000


 222.7150, 15.1250,


28.7650


 239.7380, 7.1500,
13.5980


 41.4720, 38.4590,
46.4190


 41.4720, 38.4590,
46.4190


 40.8850, 38.7340,
46.9420

 48.2710, 34.4710,
41.5990

 54.4830, 30.7580,
37.3020

 61.2820, 26.7700,
32.4820

 68.0810, 22.7820,
27.6620

 74.8800, 18.7940,
22.8420

■ 81.0920, 15.0810,
18.5450

■ 87.8910, 11.0930,
13.7250

■ 94.5760, 7.4260,
8.5940

■ 100.7880, 3.7130,
4.2970

Harmonies

Analogous

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



54.6130, -2.0230, 31.1690



41.4720, 38.4590, 46.4190



39.6570, 56.5710, 37.5550

Triad

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



41.4720, 38.4590, 46.4190



49.6050, 16.5090, -18.3630



52.3590, -52.3590, -3.7430

Complementary

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



41.4720, 38.4590, 46.4190



66.5280, -38.4590, -46.4190

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.



48.3690, -41.1240, -14.6280



41.4720, 38.4590, 46.4190



38.1660, -16.4080, -33.0480

Square

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



41.4720, 38.4590, 46.4190



51.2430, 38.5600, -4.9920



43.2220, -28.0090, -26.5450



52.5190, -58.3210, 5.1910

Rectangle

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



41.4720, 38.4590, 46.4190



40.7090, 58.8200, 24.3240



43.2220, -28.0090, -26.5450



51.1050, -48.8280, -7.1640

Sweetspot

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



41.4720, 38.4590, 46.4190



114.0920, 15.0810, 18.5450



21.4560, -17.3380, 38.9020



55.5270, 9.1220, 10.8980



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



41.4720, 38.4590, 46.4190



53.4880, 50.6980, 61.4020



35.5440, 55.1510, 30.2470



50.2500, 2.2920, 2.5160



44.6730, 42.4470, 51.2390



93.5470, 88.8820, 107.2980

Inverse Universe

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



41.4720, 38.4590, 46.4190



53.4880, 50.6980, 61.4020



72.4560, -55.1510, -30.2470



50.2500, 2.2920, 2.5160



44.6730, 42.4470, 51.2390



93.5470, 88.8820, 107.2980

Previews

White Background



This preview shows how the YIQ color 41.4720, 38.4590, 46.4190 looks on a white background.

Color Contrast Check

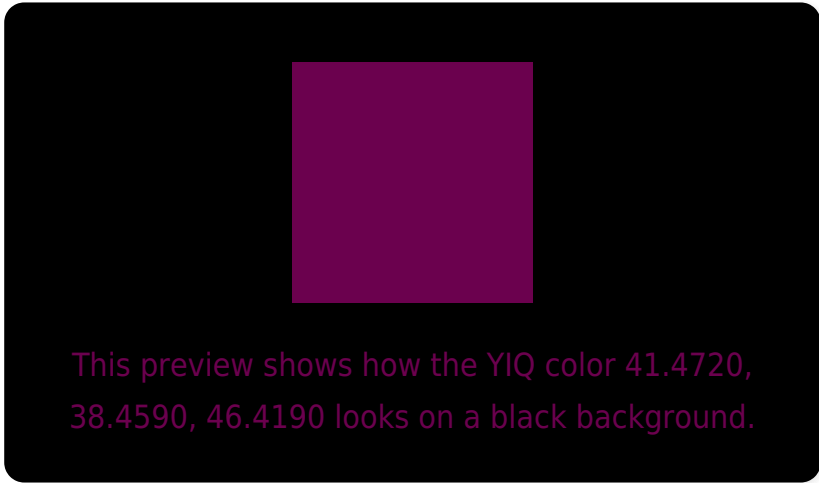
Large Text (above 18pt) WCAG AA ✓ Pass

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

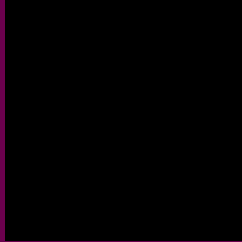
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.4720, 38.4590, 46.4190

Background



This preview shows how black text looks on a background with the YIQ color 41.4720, 38.4590, 46.4190.



This preview shows how white text looks on a background with the YIQ color 41.4720, 38.4590,

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

41.4720, 38.4590, 46.4190

Protanopia

53.3000, -35.5350, 10.7450

Deuteranopia

58.5250, -5.7320, 4.7640



Tritanopia

52.9410, 43.1870, 15.7870

Trichromacy



Original Color

41.4720, 38.4590, 46.4190

Protanomaly

48.8630, -8.8990, 23.6210

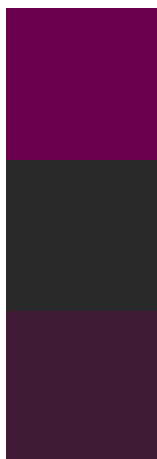
Deuteranomaly

52.6940, 10.4500, 19.8740

Tritanomaly

48.7210, 41.3510, 27.0390

Monochromacy



Original Color

41.4720, 38.4590, 46.4190

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

40.8530, 14.2560, 16.9760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.4720, 38.4590, 46.4190 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(107, 1, 78)` looks like.

```
.text, #text, p{  
    color:rgb(107, 1, 78)  
}
```

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(107, 1, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 1, 78) }
```

Border

The CSS property to change the border of an element to YIQ 41.4720, 38.4590, 46.4190 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(107, 1, 78) }
```


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

```
.border{ border-color:rgb(107, 1, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 1, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 1, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 1, 78);  
box-shadow:4px 4px 4px 4px rgb(107, 1, 78)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.4720, 38.4590, 46.4190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 1, 78) }
```

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

```
.background{ background-color: rgb(107, 1,  
78) }
```

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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