

Converting Colors

YIQ(49.4590, 40.4740, 59.4660)

Have a look what the booklet for
YIQ(49.4590, 40.4740, 59.4660)
contains.

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Color

**YIQ(49.4590, 40.4740,
59.4660)**

Conversions

Conversions Part 1

Format	Color
Hex	7D006A
RGB	125, 0, 106
RGB Percent	49%, 0%, 42%
CMY	0.5094, 1.0000, 0.5842
CMYK	0.00, 1.00, 0.15, 0.51
HSL	309°, 100%, 25%
HSV	309°, 100%, 49%
XYZ	11.0735, 5.4080, 14.1013
YIQ	49.4590, 40.4740, 59.4660

Conversions

Conversions Part 2

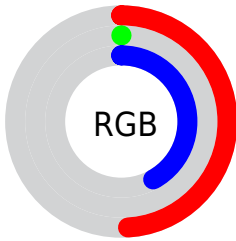
Format	Color
R_{YB}	125, 0, 106
Decimal	8192106
CIE _{Lab}	27.87, 55.12, -25.56
CIE _{LCh}	28, 60.759, 335.127
Yxy	5.4080, 0.3621, 0.1768
Android (android.graphics.Color)	4286382186 (0xFF7D006A)
YUV	49.4590, 27.8747, 66.2495
Hunter-Lab	23.2551, 44.3014, -19.6736

Details

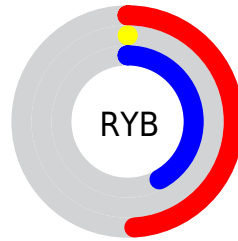
The YIQ color **49.4590, 40.4740, 59.4660** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **75.5410, -40.4740, -59.4660**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.2210, 37.9080, 50.9000**, and **27.8410, 23.6980, 33.0900** is the 20% darker color. If you saturate the color by 10%, you get **49.4590, 40.4740, 59.4660**, and if you desaturate by 10%, it is **57.3180, 36.2570, 53.2890**.

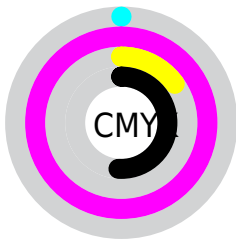
Distribution



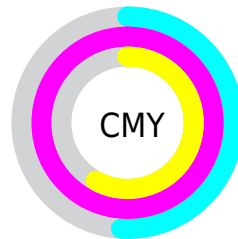
- Red (49%)
- Green (0%)
- Blue (42%)



- Red (49%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (51%)



- Cyan (51%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 49.4590, 40.4740, 59.4660 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 49.4590, 40.4740, 59.4660 by changing the saturation by 10% instead.

■ 49.4590, 40.4740,
59.4660

■ 49.4590, 40.4740,
59.4660

■ 255.0000, -0.0000,
-0.0000

■ 38.6500, 32.0860,
46.2780

■ 113.2210, 37.9080,
50.9000

■ 27.8410, 23.6980,
33.0900

■ 140.8190, 39.1000,
51.3240

■ 18.4560, 17.0520,
21.3720

■ 169.1180, 39.6960,
51.5360

■ 1.8520, -2.3390,
3.8450


■ 192.9430, 32.8190,
49.5150


■ 0.0000, 0.0000,
0.0000


■ 210.9750, 20.6250,
39.2250


■ 227.9980, 12.6500,


24.0580


 245.0210, 4.6750,
8.8910


 49.4590, 40.4740,
59.4660

 57.3180, 36.2570,
53.2890

 64.5900, 32.3150,
47.6350

 72.4490, 28.0980,
41.4580

 79.7210, 24.1560,
35.8040

 87.5800, 19.9390,
29.6270

■ 94.7380, 16.3180,
23.6620

■ 102.5970, 12.1010,
17.4850

■ 109.8690, 8.1590,
11.8310

■ 117.7280, 3.9420,
5.6540

Harmonies

Analogous

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



65.5220, -17.7040, 34.5200



49.4590, 40.4740, 59.4660



49.5970, 65.9680, 48.9760

Triad

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



49.4590, 40.4740, 59.4660



61.7540, 26.2750, -19.1410



62.8740, -61.2990, -6.9230

Complementary

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



49.4590, 40.4740, 59.4660



75.5410, -40.4740, -59.4660

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.



57.6300, -46.5330, -21.2290



49.4590, 40.4740, 59.4660



51.1790, -9.2550, -36.0310

Square

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



49.4590, 40.4740, 59.4660



61.0770, 53.8270, -0.8370



50.6420, -29.6120, -36.0440



64.8750, -71.0670, 4.9090

Rectangle

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



49.4590, 40.4740, 59.4660



45.5790, 74.4060, 39.2220



50.6420, -29.6120, -36.0440



61.2780, -56.8050, -11.2770

Sweetspot

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



49.4590, 40.4740, 59.4660



133.4390, 15.7220, 23.4500



19.9310, -28.8010, 42.9030



63.8200, 9.8550, 14.1350



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



49.4590, 40.4740, 59.4660



64.4690, 52.8500, 77.4740



42.3910, 60.3760, 40.1840



59.7770, 2.2460, 3.3500



50.5840, 41.6200, 60.7240



0.0000, 0.0000, 0.0000

Inverse Universe

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



49.4590, 40.4740, 59.4660



64.4690, 52.8500, 77.4740



82.6090, -60.3760, -40.1840



59.7770, 2.2460, 3.3500



50.5840, 41.6200, 60.7240



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 49.4590, 40.4740, 59.4660 looks on a white background.

Color Contrast Check

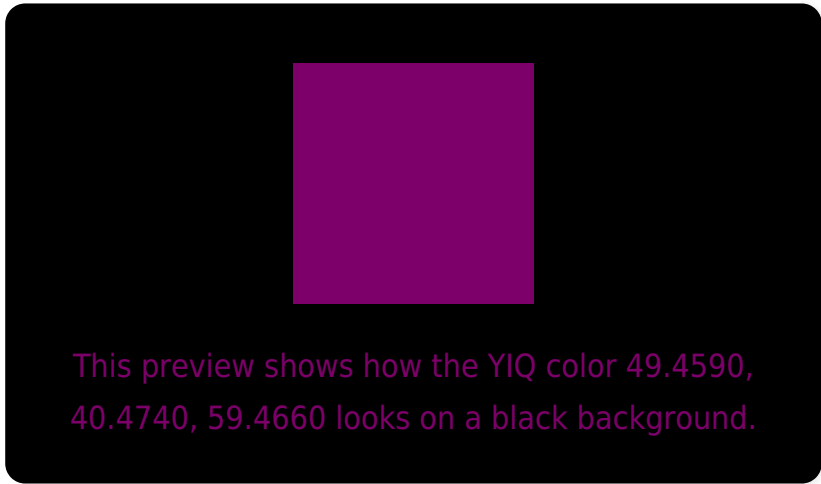
Large Text (above 18pt) WCAG AA ✓ Pass

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

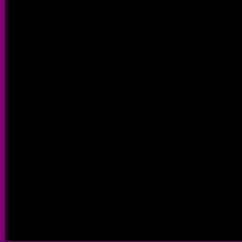
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 49.4590, 40.4740, 59.4660

Background



This preview shows how black text looks on a background with the YIQ color 49.4590, 40.4740, 59.4660.



This preview shows how white text looks on a background with the YIQ color 49.4590, 40.4740,

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

49.4590, 40.4740, 59.4660

Protanopia

55.5170, -64.0070, 9.1210

Deuteranopia

68.8320, -16.7820, 6.7860



Tritanopia

65.5500, 45.8460, 17.1580

Trichromacy



Original Color

49.4590, 40.4740, 59.4660

Protanomaly

53.4020, -26.4140, 27.1700

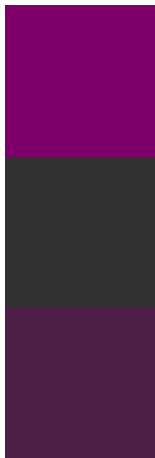
Deuteranomaly

61.9740, 4.0300, 26.0940

Tritanomaly

59.9650, 43.7800, 32.5800

Monochromacy



Original Color

49.4590, 40.4740, 59.4660

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

49.2000, 14.8970, 21.8810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 49.4590, 40.4740, 59.4660 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(125, 0, 106)` looks like.

```
.text, #text, p{  
    color:rgb(125, 0, 106)  
}
```

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(125, 0, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 0, 106) }
```

Border

The CSS property to change the border of an element to YIQ 49.4590, 40.4740, 59.4660 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(125, 0, 106) }
```


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

```
.border{ border-color:rgb(125, 0, 106) }
```

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

Here you see how a box with a 4 pixel rgb(125, 0, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 0, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 0, 106);  
box-shadow:4px 4px 4px 4px rgb(125, 0,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 49.4590, 40.4740, 59.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 0, 106) }
```

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

```
.background{ background-color: rgb(125, 0,  
106) }
```

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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