

Converting Colors

YIQ(74.4730, 11.4960, 67.0160)

Have a look what the booklet for
YIQ(74.4730, 11.4960, 67.0160)
contains.

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Color

**YIQ(74.4730, 11.4960,
67.0160)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7F1CB0 |
| RGB | 127, 28, 176 |
| RGB Percent | 50%, 11%, 69% |
| CMY | 0.5016, 0.8903, 0.3099 |
| CMYK | 0.28, 0.84, 0.00, 0.31 |
| HSL | 280°, 73%, 40% |
| HSV | 280°, 84%, 69% |
| XYZ | 17.0139, 8.4809, 41.8054 |
| YIQ | 74.4730, 11.4960, 67.0160 |

Conversions

Conversions Part 2

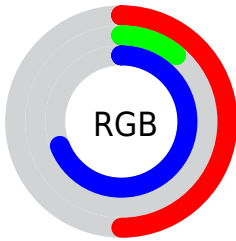
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 127, 28, 176 |
| Decimal | 8330416 |
| CIE _{Lab} | 34.96, 62.11, -57.49 |
| CIE _{LCh} | 35, 84.637, 317.212 |
| Yxy | 8.4809, 0.2528, 0.1260 |
| Android (android.graphics.Color) | 4286520496 (0xFF7F1CB0) |
| YUV | 74.4730, 50.0528, 46.0662 |
| Hunter-Lab | 29.1220, 53.3212, -64.7271 |

Details

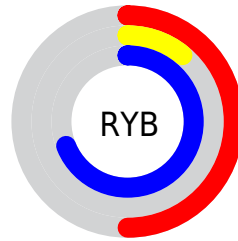
The YIQ color **74.4730, 11.4960, 67.0160** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **129.5270, -11.4960, -67.0160**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **132.6470, 10.9460, 65.9700**, and **35.1370, 3.1540, 52.9940** is the 20% darker color. If you saturate the color by 10%, you get **62.1130, 12.8700, 75.1580**, and if you desaturate by 10%, it is **86.8330, 10.1220, 58.8740**.

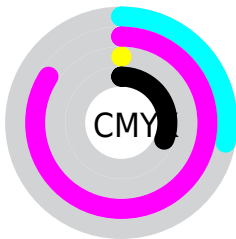
Distribution



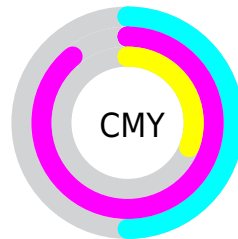
- Red (50%)
- Green (11%)
- Blue (69%)



- Red (50%)
- Yellow (11%)
- Blue (69%)



- Cyan (28%)
- Magenta (84%)
- Yellow (0%)
- Black (31%)





- Cyan (50%)
- Magenta (89%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.4730, 11.4960, 67.0160 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 74.4730, 11.4960, 67.0160 by changing the saturation by 10% instead.


 74.4730, 11.4960,
67.0160


 74.4730, 11.4960,
67.0160


255.0000, -0.0000,
-0.0000


 46.5870, 11.1750,
67.3270


 132.6470, 10.9460,
65.9700


 35.1370, 3.1540,
52.9940


 159.9740, 14.3390,
65.0510


 23.6160, -6.1050,
39.0710


 185.0810, 23.9230,
56.5550

 10.3010, -18.9400,
23.8760

 205.1050, 23.3750,
44.4550

 7.8200, -16.5080,
12.8360

 221.5410, 15.6750,
29.8110

 3.5510, -8.6210,
7.5630

 238.5640, 7.7000,

 0.0000, 0.0000,

14.6440

0.0000

■ 74.4730, 11.4960,
67.0160

■ 74.4730, 11.4960,
67.0160

■ 62.1130, 12.8700,
75.1580

■ 86.8330, 10.1220,
58.8740

■ 55.3460, 13.8320,
79.7520

■ 98.6060, 9.0230,
51.2550

■ 110.9660, 7.6490,
43.1130

■ 122.4400, 5.9540,
35.2820

■ 134.8000, 4.5800,
27.1400

■ 147.1600, 3.2060,
18.9980

■ 158.9330, 2.1070,
11.3790

■ 171.2930, 0.7330,
3.2370

■ 182.7670, -0.9620,
-4.5940

Harmonies

Analogous

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



70.8830, -90.7400, 25.5480



74.4730, 11.4960, 67.0160



67.4140, 71.8780, 74.0380

Triad

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



74.4730, 11.4960, 67.0160



77.8780, 55.5250, -9.5870



76.6030, -68.2660, -18.3300

Complementary

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



74.4730, 11.4960, 67.0160



129.5270, -11.4960, -67.0160

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.



67.3350, -44.9250, -39.3650



74.4730, 11.4960, 67.0160



72.5530, 13.1190, -34.0250

Square

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



74.4730, 11.4960, 67.0160



54.6400, 98.7990, 32.1670



59.2870, -27.7750, -52.8230



83.5570, -87.8470, 0.6410

Rectangle

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



74.4730, 11.4960, 67.0160



65.3880, 91.9620, 62.4740



59.2870, -27.7750, -52.8230



73.9810, -60.8830, -25.4830

Sweetspot

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



74.4730, 11.4960, 67.0160



190.2730, 4.6260, 26.3060



73.6350, -60.9830, 20.4010



90.8670, 2.4730, 15.7610



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



74.4730, 11.4960, 67.0160



72.2660, 17.9540, 104.1780



86.2740, 48.7250, 69.6290



82.8200, 0.6870, 4.0710



47.9400, 11.6790, 69.2070



8.0470, 1.7860, 11.6900

Inverse Universe

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



77.8380, 72.4790, 46.6150



77.4340, 112.6840, 72.3960



117.7260, -48.7250, -69.6290



83.0330, 4.4010, 2.8410



51.5610, 74.8170, 48.2970



8.6860, 12.9280, 8.0000

Previews

White Background



This preview shows how the YIQ color 74.4730, 11.4960, 67.0160 looks on a white background.

Color Contrast Check

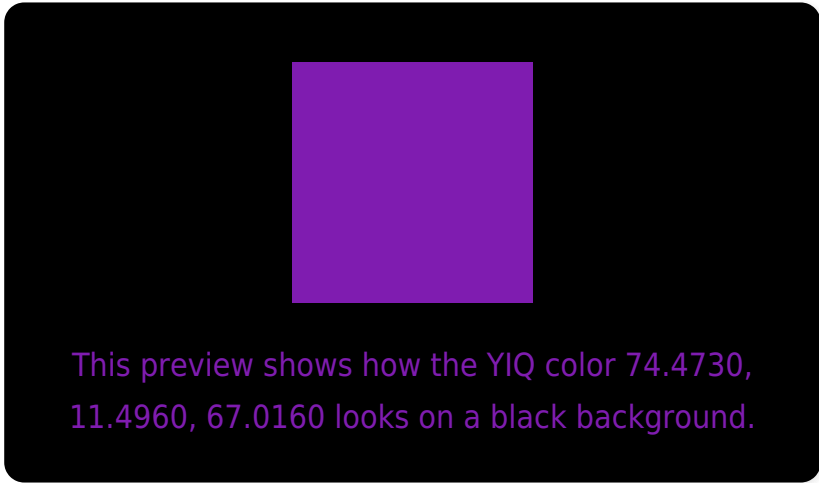
Large Text (above 18pt) WCAG AA ✓ Pass

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

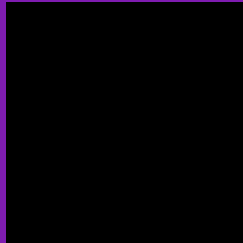
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.4730, 11.4960, 67.0160

Background



This preview shows how black text looks on a background with the YIQ color 74.4730, 11.4960, 67.0160.



This preview shows how white text looks on a background with the YIQ color 74.4730, 11.4960,

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

74.4730, 11.4960, 67.0160

Protanopia

66.3400, -76.5700, 11.0300

Deuteranopia

66.7670, -70.8830, 1.5730



Tritanopia

84.3450, 21.3180, 10.1340

Trichromacy



Original Color

74.4730, 11.4960, 67.0160



Protanomaly

69.1690, -44.5710, 31.3410



Deuteranomaly

69.3340, -40.9020, 25.4180



Tritanomaly

80.8510, 17.7380, 30.9700

Monochromacy



Original Color

74.4730, 11.4960, 67.0160



Achromatopsia

74.0000, -0.0000, 0.0000



Achromatomaly

73.9200, 4.1220, 24.4260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.4730, 11.4960, 67.0160 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(127, 28, 176)` looks like.

```
.text, #text, p{  
    color:rgb(127, 28, 176)  
}
```

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(127, 28, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 28, 176) }
```

Border

The CSS property to change the border of an element to YIQ 74.4730, 11.4960, 67.0160 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(127, 28, 176) }
```


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

```
.border{ border-color:rgb(127, 28, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 28, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 28, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 28, 176);  
box-shadow:4px 4px 4px 4px rgb(127, 28,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 74.4730, 11.4960, 67.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 28, 176) }
```

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

```
.background{ background-color: rgb(127, 28,  
176) }
```

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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