

Converting Colors

YIQ(79.4070, -6.4740, 51.2700)

Have a look what the booklet for
YIQ(79.4070, -6.4740, 51.2700)
contains.

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Color

**YIQ(79.4070, -6.4740,
51.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	6930AE
RGB	105, 48, 174
RGB Percent	41%, 19%, 68%
CMY	0.5880, 0.8119, 0.3178
CMYK	0.40, 0.72, 0.00, 0.32
HSL	267°, 57%, 44%
HSV	267°, 72%, 68%
XYZ	14.5250, 8.1733, 40.8404
YIQ	79.4070, -6.4740, 51.2700

Conversions

Conversions Part 2

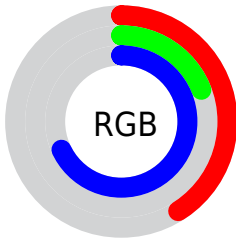
Format	Color
R _{YB}	105, 48, 174
Decimal	6893742
CIE _{Lab}	34.34, 50.33, -57.44
CIE _{LCh}	34, 76.371, 311.226
Yxy	8.1733, 0.2286, 0.1286
Android (android.graphics.Color)	4285083822 (0xFF6930AE)
YUV	79.4070, 46.6343, 22.4451
Hunter-Lab	28.5890, 40.6586, -64.6856

Details

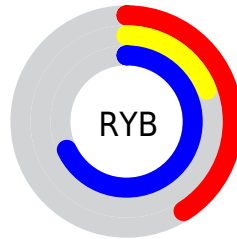
The YIQ color **79.4070, -6.4740, 51.2700** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **142.5930, 6.4740, -51.2700**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4720, -5.0990, 53.8850**, and **28.0320, -9.9120, 47.4960** is the 20% darker color. If you saturate the color by 10%, you get **66.7370, -7.1630, 58.2530**, and if you desaturate by 10%, it is **92.3760, -5.1890, 44.4990**.

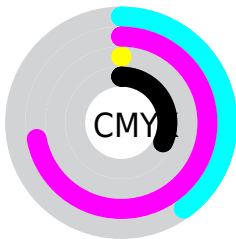
Distribution



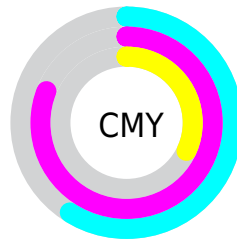
- Red (41%)
- Green (19%)
- Blue (68%)



- Red (41%)
- Yellow (19%)
- Blue (68%)



- Cyan (40%)
- Magenta (72%)
- Yellow (0%)
- Black (32%)



- Cyan (59%)
- Magenta (81%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.4070, -6.4740, 51.2700 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 79.4070, -6.4740, 51.2700 by changing the saturation by 10% instead.

79.4070, -6.4740,
51.2700

79.4070, -6.4740,
51.2700

255.0000, -0.0000,
-0.0000

52.1080, -7.0700,
51.0580

132.4720, -5.0990,
53.8850

28.0320, -9.9120,
47.4960

159.2550, -2.9900,
54.2100

14.4180, -23.3430,
32.0890

183.7750, 6.8690,
46.2370

7.9800, -22.4700,
21.7700

209.1810, 17.0490,
37.9530

7.7060, -16.1870,
12.5250

227.4110, 12.9250,
24.5810

3.4370, -8.3000,
7.2520

243.8470, 5.2250,

0.0000, 0.0000,

9.9370

0.0000

■ 79.4070, -6.4740,
51.2700

■ 79.4070, -6.4740,
51.2700

■ 66.7370, -7.1630,
58.2530

■ 92.3760, -5.1890,
44.4990

■ 53.1810, -8.1730,
65.5470

■ 105.6330, -4.7750,
36.9930

■ 43.4570, -8.7700,
70.8620

■ 118.6020, -3.4900,
30.2220

■ 131.8590, -3.0760,
22.7160

■ 144.8280, -1.7910,
15.9450

■ 157.4980, -1.1020,
8.9620

■ 171.0540, -0.0920,
1.6680

■ 183.7240, 0.5970,
-5.3150

■ 197.2800, 1.6070,
-12.6090

Harmonies

Analogous

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



71.2760, -87.7130, 20.2470



79.4070, -6.4740, 51.2700



63.1290, 59.4990, 72.6110

Triad

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



79.4070, -6.4740, 51.2700



75.8510, 60.1550, -5.3890



72.7900, -61.6630, -22.3590

Complementary

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



79.4070, -6.4740, 51.2700



142.5930, 6.4740, -51.2700

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.



64.2060, -40.2480, -41.5280



79.4070, -6.4740, 51.2700



74.1030, 23.4340, -28.2300

Square

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



79.4070, -6.4740, 51.2700



51.9820, 97.8360, 33.1000



56.9390, -26.6750, -50.7310



79.4020, -80.2810, -4.3210

Rectangle

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



79.4070, -6.4740, 51.2700



63.0540, 81.2790, 63.3510



56.9390, -26.6750, -50.7310



69.8090, -54.6470, -28.3670

Sweetspot

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



79.4070, -6.4740, 51.2700



189.5770, -2.3420, 20.4260



102.8670, -59.4210, 3.0990



92.3070, -1.8820, 12.0860



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.



79.4070, -6.4740, 51.2700



79.0690, -10.1930, 80.1350



98.2440, 31.0740, 64.6260



80.2220, -0.5050, 3.6470



37.4320, -7.6220, 61.0660



5.6120, -1.4230, 9.2730

Inverse Universe

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



93.5400, 52.9470, 48.1710



101.1010, 83.0650, 75.0410



123.7560, -31.0740, -64.6260



81.2610, 3.7590, 3.4630



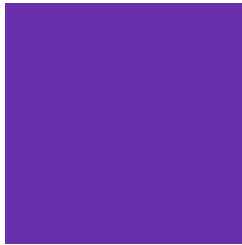
54.1980, 63.0780, 57.3020



8.3590, 9.5350, 8.9190

Previews

White Background



This preview shows how the YIQ color 79.4070, -6.4740, 51.2700 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



This preview shows how the YIQ color 79.4070, -6.4740, 51.2700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

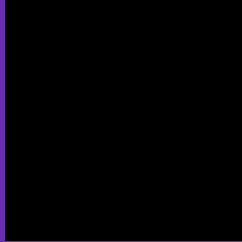
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 79.4070, -6.4740, 51.2700

Background



This preview shows how black text looks on a background with the YIQ color 79.4070, -6.4740, 51.2700.



This preview shows how white text looks on a background with the YIQ color 79.4070, -6.4740,

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

79.4070, -6.4740, 51.2700

Protanopia

64.5960, -74.4150, 10.5210

Deuteranopia

65.0230, -68.7280, 1.0640



Tritanopia

81.7770, 2.2460, 3.3500

Trichromacy



Original Color

79.4070, -6.4740, 51.2700

Protanomaly

69.8430, -49.7050, 25.2630

Deuteranomaly

70.0080, -46.0360, 19.3400

Tritanomaly

81.0610, -0.8290, 20.5390

Monochromacy



Original Color

79.4070, -6.4740, 51.2700

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

79.2240, -2.8460, 18.5460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.4070, -6.4740, 51.2700 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(105, 48, 174)` looks like.

```
.text, #text, p{  
    color:rgb(105, 48, 174)  
}
```

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(105, 48, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 48, 174) }
```

Border

The CSS property to change the border of an element to YIQ 79.4070, -6.4740, 51.2700 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(105, 48, 174) }
```


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

```
.border{ border-color:rgb(105, 48, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 48, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 48, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 48, 174);  
box-shadow:4px 4px 4px 4px rgb(105, 48,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 79.4070, -6.4740, 51.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 48, 174) }
```

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

```
.background{ background-color: rgb(105, 48,  
174) }
```

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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