

Converting Colors

YIQ(70.4690, 7.0100, 27.1540)

Have a look what the booklet for
YIQ(70.4690, 7.0100, 27.1540)
contains.

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Color

**YIQ(70.4690, 7.0100,
27.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	5E336D
RGB	94, 51, 109
RGB Percent	37%, 20%, 43%
CMY	0.6312, 0.8001, 0.5726
CMYK	0.14, 0.53, 0.00, 0.57
HSL	285°, 36%, 31%
HSV	285°, 53%, 43%
XYZ	8.5628, 5.8517, 15.1449
YIQ	70.4690, 7.0100, 27.1540

Conversions

Conversions Part 2

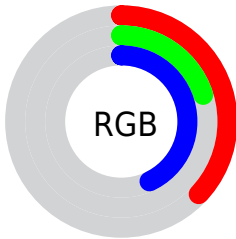
Format	Color
R_{YB}	94, 51, 109
Decimal	6173549
CIE _{Lab}	29.04, 30.03, -25.98
CIE _{LCh}	29, 39.706, 319.136
Yxy	5.8517, 0.2897, 0.1980
Android (android.graphics.Color)	4284363629 (0xFF5E336D)
YUV	70.4690, 18.9958, 20.6367
Hunter-Lab	24.1902, 20.8524, -20.1869

Details

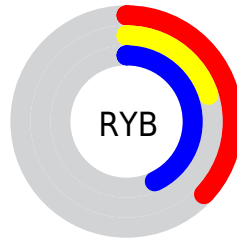
The YIQ color **70.4690, 7.0100, 27.1540** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.5310, -7.0100, -27.1540**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.1210, 8.1100, 29.2460**, and **23.3440, 5.8640, 25.8960** is the 20% darker color. If you saturate the color by 10%, you get **63.1150, 8.2470, 32.2710**, and if you desaturate by 10%, it is **77.8230, 5.7730, 22.0370**.

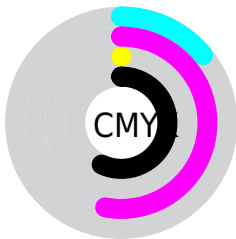
Distribution



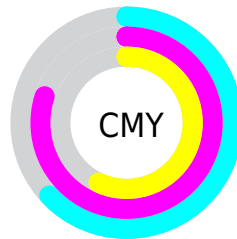
- Red (37%)
- Green (20%)
- Blue (43%)



- Red (37%)
- Yellow (20%)
- Blue (43%)



- Cyan (14%)
- Magenta (53%)
- Yellow (0%)
- Black (57%)



- Cyan (63%)
- Magenta (80%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 70.4690, 7.0100, 27.1540 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 70.4690, 7.0100, 27.1540 by changing the saturation by 10% instead.

70.4690, 7.0100,
27.1540

70.4690, 7.0100,
27.1540

255.0000, -0.0000,
-0.0000

46.6430, 6.4600,
26.1080

120.1210, 8.1100,
29.2460

23.6430, 6.4600,
26.1080

146.5340, 8.3850,
29.7690

12.5190, 3.5730,
17.8530

173.3600, 8.9350,
30.8150

2.4110, -5.4110,
4.4530

200.7730, 9.2100,
31.3380

0.0000, 0.0000,
0.0000

225.6500, 13.7500,
26.1500

242.6730, 5.7750,

10.9830

■ 70.4690, 7.0100,
27.1540

■ 70.4690, 7.0100,
27.1540

■ 63.1150, 8.2470,
32.2710

■ 77.8230, 5.7730,
22.0370

■ 55.7610, 9.4840,
37.3880

■ 85.1770, 4.5360,
16.9200

■ 48.7060, 11.3170,
42.7170

■ 92.2320, 2.7030,
11.5910

■ 41.3520, 12.5540,
47.8340

■ 99.5860, 1.4660,
6.4740

■ 36.6450, 13.2870,
51.0710

■ 106.3530, 0.5040,
1.8800

■ 113.7070, -0.7330,
-3.2370

■ 121.0610, -1.9700,
-8.3540

■ 128.4150, -3.2070,
-13.4710

■ 135.4700, -5.0400,
-18.8000

Harmonies

Analogous

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



65.7890, -32.4180, 14.8300



70.4690, 7.0100, 27.1540



67.4090, 33.6020, 29.8100

Triad

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



70.4690, 7.0100, 27.1540



64.4890, 37.5070, -13.4450



58.7530, -51.0730, -16.0410

Complementary

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



70.4690, 7.0100, 27.1540



89.5310, -7.0100, -27.1540

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.



54.5180, -40.5260, -25.4700



70.4690, 7.0100, 27.1540



61.9870, 18.0690, -24.6110

Square

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



70.4690, 7.0100, 27.1540



65.6450, 46.5360, 4.6480



56.6980, -14.8500, -28.2420



60.5430, -58.8690, -6.9090

Rectangle

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



70.4690, 7.0100, 27.1540



65.3360, 43.8730, 25.3850



56.6980, -14.8500, -28.2420



57.4990, -47.5420, -19.4620

Sweetspot

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



70.4690, 7.0100, 27.1540



127.7050, 2.7490, 10.7570



66.4170, -22.7430, 10.1930



62.4720, 1.7870, 6.1630



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.



70.4690, 7.0100, 27.1540



81.8200, 10.9960, 43.0280



73.3580, 20.4440, 25.9800



49.8800, 0.4580, 2.7140



39.3510, 14.2950, 54.8310



82.3480, 29.8270, 114.7790

Inverse Universe

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



70.0520, 29.7530, 16.9610



81.2440, 47.1280, 26.9680



86.6420, -20.4440, -25.9800



50.0220, 2.9340, 1.8940



38.4030, 60.1020, 34.1340



80.4370, 125.7970, 71.5330

Previews

White Background



This preview shows how the YIQ color 70.4690, 7.0100, 27.1540 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 70.4690, 7.0100, 27.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

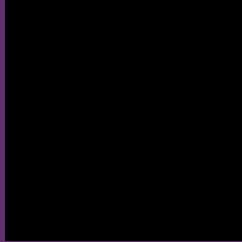
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 70.4690, 7.0100, 27.1540

Background



This preview shows how black text looks on a background with the YIQ color 70.4690, 7.0100, 27.1540.



This preview shows how white text looks on a background with the YIQ color 70.4690, 7.0100,

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

70.4690, 7.0100, 27.1540

Protanopia

66.0230, -33.1970, 12.4270

Deuteranopia

67.8360, -22.6050, 7.6910



Tritanopia

70.2300, 14.2120, 6.7560

Trichromacy



Original Color

70.4690, 7.0100, 27.1540

Protanomaly

67.6120, -18.6180, 18.0380

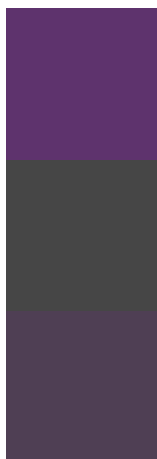
Deuteranomaly

68.6250, -11.4650, 15.0550

Tritanomaly

70.3040, 11.3680, 14.2480

Monochromacy



Original Color

70.4690, 7.0100, 27.1540

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1780, 2.7950, 9.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.4690, 7.0100, 27.1540 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(94, 51, 109)` looks like.

```
.text, #text, p{  
    color:rgb(94, 51, 109)  
}
```

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(94, 51, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 51, 109) }
```

Border

The CSS property to change the border of an element to YIQ 70.4690, 7.0100, 27.1540 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(94, 51, 109) }
```


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

```
.border{ border-color:rgb(94, 51, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 51, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 51, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 51, 109);  
box-shadow:4px 4px 4px 4px rgb(94, 51,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 70.4690, 7.0100, 27.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 51, 109) }
```

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

```
.background{ background-color: rgb(94, 51,  
109) }
```

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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