

Converting Colors

YIQ(69.2990, -7.4310, 19.0410)

Have a look what the booklet for
YIQ(69.2990, -7.4310, 19.0410)
contains.

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Color

**YIQ(69.2990, -7.4310,
19.0410)**

Conversions

Conversions Part 1

Format	Color
Hex	4A3B6E
RGB	74, 59, 110
RGB Percent	29%, 23%, 43%
CMY	0.7097, 0.7686, 0.5687
CMYK	0.33, 0.46, 0.00, 0.57
HSL	258°, 30%, 33%
HSV	258°, 46%, 43%
XYZ	7.2025, 5.7092, 15.4692
YIQ	69.2990, -7.4310, 19.0410

Conversions

Conversions Part 2

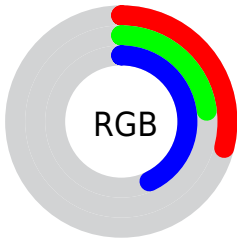
Format	Color
R_{YB}	74, 59, 110
Decimal	4864878
CIE _{Lab}	28.67, 19.06, -27.35
CIE _{LCh}	29, 33.333, 304.869
Yxy	5.7092, 0.2538, 0.2012
Android (android.graphics.Color)	4283054958 (0xFF4A3B6E)
YUV	69.2990, 20.0656, 4.1228
Hunter-Lab	23.8940, 11.9920, -21.6591

Details

The YIQ color **69.2990, -7.4310, 19.0410** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **99.7010, 7.4310, -19.0410**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.7660, -7.2480, 21.2320**, and **24.8210, -9.0810, 15.9030** is the 20% darker color. If you saturate the color by 10%, you get **60.4500, -9.1740, 23.0980**, and if you desaturate by 10%, it is **78.1480, -5.6880, 14.9840**.

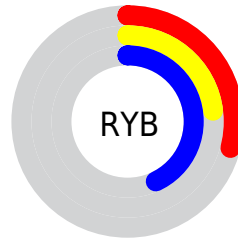
Distribution



Red (29%)

Green (23%)

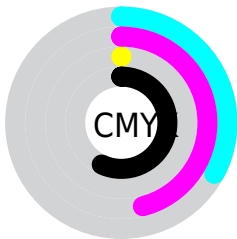
Blue (43%)



Red (29%)

Yellow (23%)

Blue (43%)

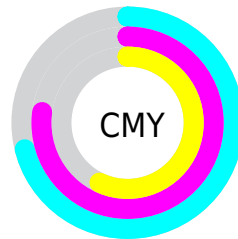


Cyan (33%)

Magenta (46%)

Yellow (0%)

Black (57%)



Cyan (71%)

Magenta (77%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.2990, -7.4310, 19.0410 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 69.2990, -7.4310, 19.0410 by changing the saturation by 10% instead.

■ 69.2990, -7.4310,
19.0410

■ 69.2990, -7.4310,
19.0410

■ 255.0000, -0.0000,
-0.0000

■ 46.3590, -7.6600,
17.6840

■ 117.7660, -7.2480,
21.2320

■ 24.8210, -9.0810,
15.9030

■ 144.1790, -6.9730,
21.7550

■ 5.1580, -11.6480,
12.8640

■ 170.7060, -7.0190,
22.5890

■ 2.5250, -5.7320,
4.7640

■ 198.2330, -7.0650,
23.4230

■ 0.0000, 0.0000,
0.0000

■ 224.0670, -0.9660,
17.5140

■ 246.7820, 3.8500,

7.3220

■ 69.2990, -7.4310,
19.0410

■ 69.2990, -7.4310,
19.0410

■ 60.4500, -9.1740,
23.0980

■ 78.1480, -5.6880,
14.9840

■ 51.9000, -10.3210,
27.3670

■ 86.9970, -3.9450,
10.9270

■ 43.0510, -12.0640,
31.4240

■ 95.5470, -2.7980,
6.6580

■ 34.2020, -13.8070,
35.4810

■ 104.3960, -1.0550,
2.6010

■ 25.3530, -15.5500,
39.5380

■ 113.2450, 0.6880,
-1.4560

■ 22.1080, -16.2380,
40.9940

■ 122.0940, 2.4310,
-5.5130

■ 130.6440, 3.5780,
-9.7820

■ 139.4930, 5.3210,
-13.8390

■ 148.3420, 7.0640,
-17.8960

Harmonies

Analogous

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



58.8530, -47.6380, 4.3140



69.2990, -7.4310, 19.0410



68.9340, 18.7020, 24.5100

Triad

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



69.2990, -7.4310, 19.0410



65.6280, 36.0380, -3.3380



55.0540, -44.7910, -19.7590

Complementary

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



69.2990, -7.4310, 19.0410



99.7010, 7.4310, -19.0410

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.



51.8130, -34.1070, -26.1630



69.2990, -7.4310, 19.0410



64.1930, 23.6610, -15.8190

Square

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



69.2990, -7.4310, 19.0410



66.2240, 40.7120, 11.0800



61.1950, 2.9840, -21.0480



57.3170, -52.5410, -11.4610

Rectangle

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



69.2990, -7.4310, 19.0410



67.6380, 31.2190, 23.4350



61.1950, 2.9840, -21.0480



54.0280, -41.9020, -22.5580

Sweetspot

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



69.2990, -7.4310, 19.0410



127.0740, -2.8440, 7.4920



86.5330, -26.5460, -3.4900



61.5640, -1.4680, 4.5800



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.



69.2990, -7.4310, 19.0410



78.9970, -11.9720, 29.7560



76.7740, 7.4690, 24.3410



51.2820, -0.7340, 2.2900



24.1450, -17.6600, 44.7400



49.9850, -35.7790, 92.2930

Inverse Universe

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



78.3530, 18.8400, 22.0080



93.3040, 29.7040, 34.3760



92.2260, -7.4690, -24.3410



52.2500, 2.2920, 2.5160



45.5700, 44.2350, 51.8750



93.6890, 91.3580, 106.4780

Previews

White Background



This preview shows how the YIQ color 69.2990, -7.4310, 19.0410 looks on a white background.

Color Contrast Check

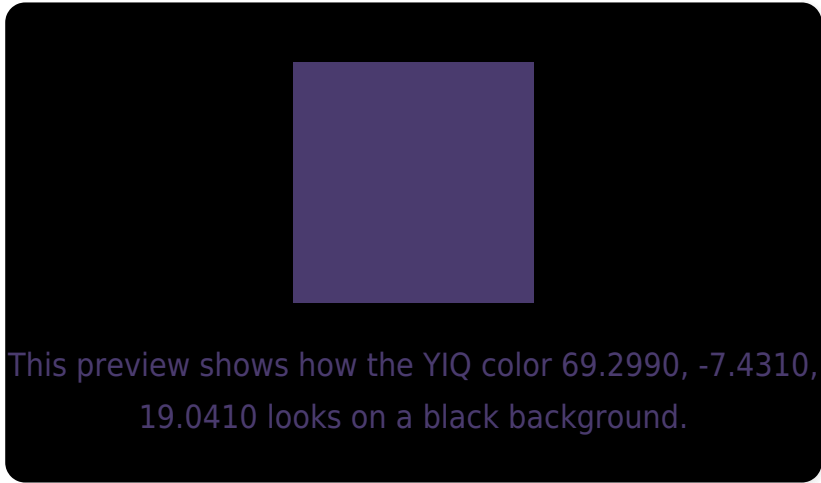
Large Text (above 18pt) WCAG AA ✓ Pass

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

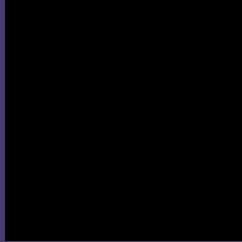
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.2990, -7.4310, 19.0410

Background



This preview shows how black text looks on a background with the YIQ color 69.2990, -7.4310, 19.0410.



This preview shows how white text looks on a background with the YIQ color 69.2990, -7.4310,

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

69.2990, -7.4310, 19.0410

Protanopia

65.8340, -28.2910, 11.6210

Deuteranopia

65.6830, -26.5480, 7.5640



Tritanopia

67.9720, -2.7970, 1.1310

Trichromacy



Original Color

69.2990, -7.4310, 19.0410

Protanomaly

66.7210, -20.5430, 14.3770

Deuteranomaly

67.3250, -19.4880, 11.7760

Tritanomaly

68.5900, -4.3570, 7.3790

Monochromacy



Original Color

69.2990, -7.4310, 19.0410

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

68.9600, -2.5230, 7.1810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.2990, -7.4310, 19.0410 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(74, 59, 110)` looks like.

```
.text, #text, p{  
    color:rgb(74, 59, 110)  
}
```

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(74, 59, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 59, 110) }
```

Border

The CSS property to change the border of an element to YIQ 69.2990, -7.4310, 19.0410 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(74, 59, 110) }
```


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

```
.border{ border-color:rgb(74, 59, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 59, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 59, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 59, 110);  
box-shadow:4px 4px 4px 4px rgb(74, 59,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 69.2990, -7.4310, 19.0410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 59, 110) }
```

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

```
.background{ background-color: rgb(74, 59,  
110) }
```

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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