

Converting Colors

YIQ(69.9610, 24.3810, 59.2690)

Have a look what the booklet for
YIQ(69.9610, 24.3810, 59.2690)
contains.

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Color

**YIQ(69.9610, 24.3810,
59.2690)**

Conversions

Conversions Part 1

Format	Color
Hex	821990
RGB	130, 25, 144
RGB Percent	51%, 10%, 56%
CMY	0.4899, 0.9021, 0.4353
CMYK	0.10, 0.83, 0.00, 0.44
HSL	293°, 70%, 33%
HSV	293°, 83%, 56%
XYZ	14.5994, 7.4594, 27.0564
YIQ	69.9610, 24.3810, 59.2690

Conversions

Conversions Part 2

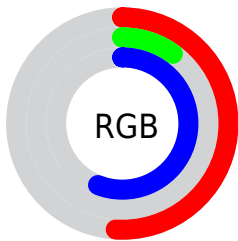
Format	Color
RYB	130, 25, 144
Decimal	8526224
CIELab	32.83, 57.30, -41.55
CIElCh	33, 70.775, 324.054
Yxy	7.4594, 0.2972, 0.1519
Android (android.graphics.Color)	4286716304 (0xFF821990)
YUV	69.9610, 36.5012, 52.6542
Hunter-Lab	27.3119, 47.6203, -39.6169

Details

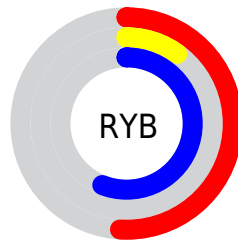
The YIQ color **69.9610, 24.3810, 59.2690** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **99.0390, -24.3810, -59.2690**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.4940, 24.1980, 57.0780**, and **33.3260, 15.4430, 45.0350** is the 20% darker color. If you saturate the color by 10%, you get **61.1450, 27.0390, 66.1670**, and if you desaturate by 10%, it is **78.7770, 21.7230, 52.3710**.

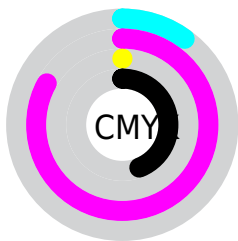
Distribution



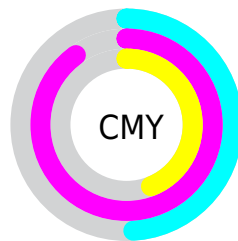
- Red (51%)
- Green (10%)
- Blue (56%)



- Red (51%)
- Yellow (10%)
- Blue (56%)



- Cyan (10%)
- Magenta (83%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (90%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.9610, 24.3810, 59.2690 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 69.9610, 24.3810, 59.2690 by changing the saturation by 10% instead.

69.9610, 24.3810,
59.2690

69.9610, 24.3810,
59.2690

255.0000, -0.0000,
-0.0000

44.2490, 23.5100,
58.5340

127.4940, 24.1980,
57.0780

33.3260, 15.4430,
45.0350

155.3200, 24.7480,
58.1240

23.1150, 8.2470,
32.2710

183.3310, 26.2150,
59.0710

12.0070, -0.7370,
18.8710

202.7570, 24.4750,
46.5470

3.2090, -7.6580,
6.6300

219.1930, 16.7750,
31.9030

0.0000, 0.0000,
0.0000

236.2160, 8.8000,

16.7360

253.8260, 0.5500,
1.0460

■ 69.9610, 24.3810,
59.2690

■ 69.9610, 24.3810,
59.2690

■ 61.1450, 27.0390,
66.1670

■ 78.7770, 21.7230,
52.3710

■ 54.3890, 29.4680,
71.7080

■ 87.8810, 18.1940,
44.7380

■ 96.6970, 15.5360,
37.8400

■ 106.1000, 12.6030,
30.4190

■ 114.9160, 9.9450,
23.5210

■ 123.4330, 6.6910,
16.4110

■ 132.8360, 3.7580,
8.9900

■ 141.6520, 1.1000,
2.0920

■ 150.7560, -2.4290,
-5.5410

Harmonies

Analogous

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



60.5500, -76.8010, 20.7270



69.9610, 24.3810, 59.2690



60.0080, 69.7250, 63.4930

Triad

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



69.9610, 24.3810, 59.2690



73.0720, 43.0550, -14.8730



72.0210, -66.3870, -13.8350

Complementary

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



69.9610, 24.3810, 59.2690



99.0390, -24.3810, -59.2690

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.



64.8220, -47.4940, -31.3500



69.9610, 24.3810, 59.2690



66.3180, 6.4710, -34.6890

Square

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



69.9610, 24.3810, 59.2690



67.1230, 74.5490, 9.0850



55.7650, -26.1250, -49.6850



76.2050, -80.9240, 1.8280

Rectangle

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



69.9610, 24.3810, 59.2690



56.9860, 83.9860, 52.8340



55.7650, -26.1250, -49.6850



69.8550, -60.2880, -19.7440

Sweetspot

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



69.9610, 24.3810, 59.2690



157.5030, 9.6700, 22.9980



47.9580, -42.5990, 28.6410



76.6670, 5.9120, 14.0080



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



69.9610, 24.3810, 59.2690



71.7130, 38.0840, 91.7800



69.1310, 46.8490, 48.5530



66.8910, 1.9250, 3.6610



50.9710, 27.5890, 67.2130



3.0050, 1.6040, 3.9720

Inverse Universe

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



62.1770, 66.4300, 29.5820



59.4100, 102.9230, 45.5390



99.8690, -46.8490, -48.5530



66.2070, 3.8510, 1.7950



42.1890, 75.3240, 33.5960



2.5060, 4.4470, 2.0070

Previews

White Background



This preview shows how the YIQ color 69.9610, 24.3810, 59.2690 looks on a white background.

Color Contrast Check

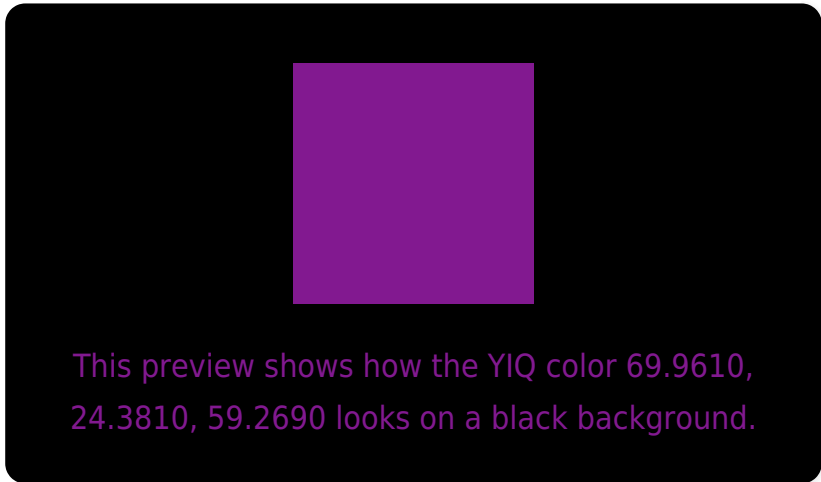
Large Text (above 18pt) WCAG AA ✓ Pass

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

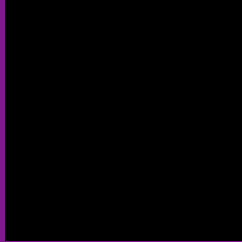
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.9610, 24.3810, 59.2690

Background



This preview shows how black text looks on a background with the YIQ color 69.9610, 24.3810, 59.2690.



This preview shows how white text looks on a background with the YIQ color 69.9610, 24.3810,

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

69.9610, 24.3810, 59.2690

Protanopia

62.9660, -72.5810, 10.3230

Deuteranopia

72.6300, -45.3920, 7.6640



Tritanopia

78.3960, 34.4760, 13.9640

Trichromacy



Original Color

69.9610, 24.3810, 59.2690

Protanomaly

65.1820, -37.4180, 28.3580

Deuteranomaly

71.6970, -19.9950, 26.4770

Tritanomaly

75.2670, 31.1260, 30.6300

Monochromacy



Original Color

69.9610, 24.3810, 59.2690

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2640, 8.8450, 21.4290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.9610, 24.3810, 59.2690 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(130, 25, 144)` looks like.

```
.text, #text, p{  
    color:rgb(130, 25, 144)  
}
```

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(130, 25, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 25, 144) }
```

Border

The CSS property to change the border of an element to YIQ 69.9610, 24.3810, 59.2690 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(130, 25, 144) }
```


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

```
.border{ border-color:rgb(130, 25, 144) }
```

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

Here you see how a box with a 4 pixel rgb(130, 25, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 25, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 25, 144);  
box-shadow:4px 4px 4px 4px rgb(130, 25,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 69.9610, 24.3810, 59.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 25, 144) }
```

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

```
.background{ background-color: rgb(130, 25,  
144) }
```

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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