

Converting Colors

YIQ(69.2030, 29.1510, 49.9110)

Have a look what the booklet for
YIQ(69.2030, 29.1510, 49.9110)
contains.

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Color

**YIQ(69.2030, 29.1510,
49.9110)**

Conversions

Conversions Part 1

Format	Color
Hex	801D7A
RGB	128, 29, 122
RGB Percent	50%, 11%, 48%
CMY	0.4977, 0.8864, 0.5215
CMYK	0.00, 0.77, 0.05, 0.50
HSL	304°, 63%, 31%
HSV	304°, 77%, 50%
XYZ	12.8652, 6.8771, 19.0653
YIQ	69.2030, 29.1510, 49.9110

Conversions

Conversions Part 2

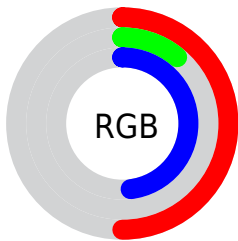
Format	Color
R_{YB}	128, 29, 122
Decimal	8396154
CIE _{Lab}	31.53, 51.87, -29.95
CIE _{LCh}	32, 59.896, 329.998
Yxy	6.8771, 0.3315, 0.1772
Android (android.graphics.Color)	4286586234 (0xFF801D7A)
YUV	69.2030, 26.0289, 51.5650
Hunter-Lab	26.2243, 41.6770, -24.7475

Details

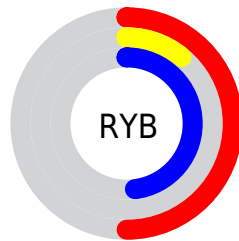
The YIQ color **69.2030, 29.1510, 49.9110** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **87.7970, -29.1510, -49.9110**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.8610, 30.1140, 48.9780**, and **30.7470, 21.2670, 38.6030** is the 20% darker color. If you saturate the color by 10%, you get **61.4580, 33.0470, 56.3990**, and if you desaturate by 10%, it is **76.9480, 25.2550, 43.4230**.

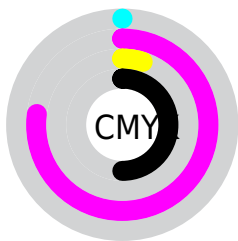
Distribution



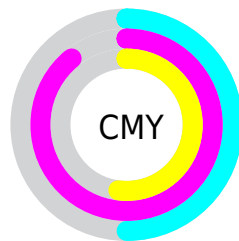
- Red (50%)
- Green (11%)
- Blue (48%)



- Red (50%)
- Yellow (11%)
- Blue (48%)



- Cyan (0%)
- Magenta (77%)
- Yellow (5%)
- Black (50%)



- Cyan (50%)
- Magenta (89%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.2030, 29.1510, 49.9110 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 69.2030, 29.1510, 49.9110 by changing the saturation by 10% instead.

69.2030, 29.1510,
49.9110

69.2030, 29.1510,
49.9110

255.0000, -0.0000,
-0.0000

41.2570, 29.0590,
51.5790

124.8610, 30.1140,
48.9780

30.7470, 21.2670,
38.6030

152.1600, 30.7100,
49.1900

20.9490, 14.3460,
26.3620

180.2850, 31.8560,
50.4480

9.1720, 2.9320,
12.9480

202.7570, 24.4750,
46.5470

0.0000, 0.0000,
0.0000

219.1930, 16.7750,
31.9030

236.2160, 8.8000,

16.7360

253.2390, 0.8250,
1.5690

69.2030, 29.1510,
49.9110

69.2030, 29.1510,
49.9110

61.4580, 33.0470,
56.3990

76.9480, 25.2550,
43.4230

53.7130, 36.9430,
62.8870

84.6930, 21.3590,
36.9350

51.9520, 37.7680,
64.4560

91.7370, 18.0590,
30.6590

99.4820, 14.1630,
24.1710

107.2270, 10.2670,
17.6830

■ 114.9720, 6.3710,
11.1950

■ 122.6030, 2.7960,
4.3960

■ 129.7610, -0.8250,
-1.5690

■ 137.5060, -4.7210,
-8.0570

Harmonies

Analogous

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



72.8410, -29.0280, 30.4920



69.2030, 29.1510, 49.9110



54.1120, 66.1960, 55.8600

Triad

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



69.2030, 29.1510, 49.9110



69.7720, 35.0320, -18.1520



68.2710, -64.0950, -11.3190

Complementary

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



69.2030, 29.1510, 49.9110



87.7970, -29.1510, -49.9110

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.



62.9130, -49.0080, -25.9360



69.2030, 29.1510, 49.9110



62.4640, 3.1240, -34.6040

Square

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



69.2030, 29.1510, 49.9110



67.9100, 61.6670, 0.2510



55.2240, -31.4910, -40.5390



70.6140, -74.8260, 1.4460

Rectangle

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



69.2030, 29.1510, 49.9110



50.9910, 76.4220, 46.7420



55.2240, -31.4910, -40.5390



67.1480, -59.5550, -16.5070

Sweetspot

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



69.2030, 29.1510, 49.9110



143.3520, 11.4130, 18.9410



41.7810, -28.7990, 31.8490



70.3850, 6.6460, 11.7180



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



69.2030, 29.1510, 49.9110



74.4620, 45.5600, 77.4320



63.7310, 44.5590, 34.9830



59.7770, 2.2460, 3.3500



51.9520, 37.7680, 64.4560



0.0000, 0.0000, 0.0000

Inverse Universe

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



69.2030, 29.1510, 49.9110



74.4620, 45.5600, 77.4320



93.2690, -44.5590, -34.9830



59.7770, 2.2460, 3.3500



51.9520, 37.7680, 64.4560



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 69.2030, 29.1510, 49.9110 looks on a white background.

Color Contrast Check

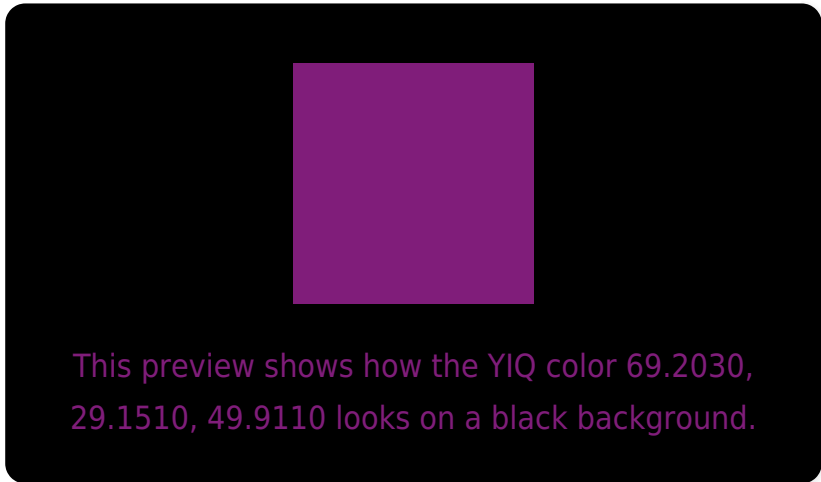
Large Text (above 18pt) WCAG AA ✓ Pass

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 69.2030, 29.1510, 49.9110

Background



This preview shows how black text looks on a background with the YIQ color 69.2030, 29.1510, 49.9110.



This preview shows how white text looks on a background with the YIQ color 69.2030, 29.1510,

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

69.2030, 29.1510, 49.9110

Protanopia

60.5210, -69.8300, 10.0260

Deuteranopia

73.8790, -24.1640, 8.4120



Tritanopia

74.3750, 38.9690, 15.1370

Trichromacy



Original Color

69.2030, 29.1510, 49.9110

Protanomaly

63.8140, -33.5660, 24.6260

Deuteranomaly

72.0160, -4.9560, 23.7480

Tritanomaly

72.7250, 35.5280, 27.9440

Monochromacy



Original Color

69.2030, 29.1510, 49.9110

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

68.6400, 10.5420, 18.2060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.2030, 29.1510, 49.9110 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(128, 29, 122)` looks like.

```
.text, #text, p{  
    color:rgb(128, 29, 122)  
}
```

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(128, 29, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 29, 122) }
```

Border

The CSS property to change the border of an element to YIQ 69.2030, 29.1510, 49.9110 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(128, 29, 122) }
```


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

```
.border{ border-color:rgb(128, 29, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 29, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 29, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 29, 122); box-shadow:4px 4px 4px 4px rgb(128, 29, 122) }
```

Background

The CSS property to change the background color of an element to YIQ 69.2030, 29.1510, 49.9110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 29, 122) }
```

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

```
.background{ background-color: rgb(128, 29,  
122) }
```

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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