

Converting Colors

YIQ(67.0290, 29.7010, 50.9570)

Have a look what the booklet for
YIQ(67.0290, 29.7010, 50.9570)
contains.

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Color

**YIQ(67.0290, 29.7010,
50.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	7F1A79
RGB	127, 26, 121
RGB Percent	50%, 10%, 47%
CMY	0.5017, 0.8982, 0.5254
CMYK	0.00, 0.80, 0.05, 0.50
HSL	304°, 66%, 30%
HSV	304°, 80%, 50%
XYZ	12.5841, 6.6356, 18.7103
YIQ	67.0290, 29.7010, 50.9570

Conversions

Conversions Part 2

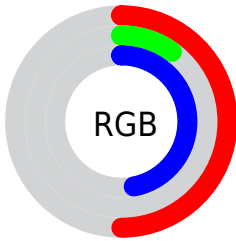
Format	Color
R_{YB}	127, 26, 121
Decimal	8329849
CIE Lab	30.96, 52.41, -30.22
CIE LCh	31, 60.503, 330.033
Yxy	6.6356, 0.3318, 0.1749
Android (android.graphics.Color)	4286519929 (0xFF7F1A79)
YUV	67.0290, 26.6077, 52.5946
Hunter-Lab	25.7596, 42.1218, -25.0332

Details

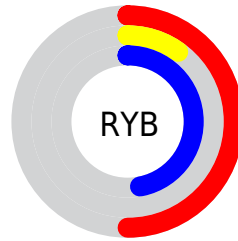
The YIQ color **67.0290, 29.7010, 50.9570** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **85.9710, -29.7010, -50.9570**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.2740, 30.3890, 49.5010**, and **30.3340, 20.9920, 38.0800** is the 20% darker color. If you saturate the color by 10%, you get **59.2840, 33.5970, 57.4450**, and if you desaturate by 10%, it is **74.7740, 25.8050, 44.4690**.

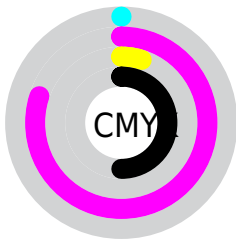
Distribution



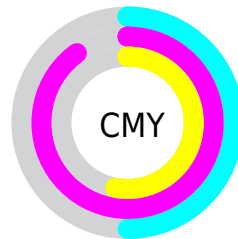
- Red (50%)
- Green (10%)
- Blue (47%)



- Red (50%)
- Yellow (10%)
- Blue (47%)



- Cyan (0%)
- Magenta (80%)
- Yellow (5%)
- Black (50%)



- Cyan (50%)
- Magenta (90%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.0290, 29.7010, 50.9570 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 67.0290, 29.7010, 50.9570 by changing the saturation by 10% instead.

67.0290, 29.7010,
50.9570

67.0290, 29.7010,
50.9570

255.0000, -0.0000,
-0.0000

40.8440, 28.7840,
51.0560

123.2740, 30.3890,
49.5010

30.3340, 20.9920,
38.0800

150.5730, 30.9850,
49.7130

20.8350, 14.6670,
26.0510

178.6980, 32.1310,
50.9710

8.1610, 1.4650,
12.0010

201.5830, 25.0250,
47.5930

0.0000, 0.0000,
0.0000

218.0190, 17.3250,
32.9490

235.0420, 9.3500,

17.7820

252.0650, 1.3750,
2.6150

67.0290, 29.7010,
50.9570

67.0290, 29.7010,
50.9570

59.2840, 33.5970,
57.4450

74.7740, 25.8050,
44.4690

52.1260, 37.2180,
63.4100

81.9320, 22.1840,
38.5040

51.5390, 37.4930,
63.9330

89.5630, 18.6090,
31.7050

97.3080, 14.7130,
25.2170

105.0530, 10.8170,
18.7290

■ 112.2110, 7.1960,
12.7640

■ 119.8420, 3.6210,
5.9650

■ 127.5870, -0.2750,
-0.5230

■ 134.7450, -3.8960,
-6.4880

Harmonies

Analogous

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



71.5420, -29.6240, 30.2800



67.0290, 29.7010, 50.9570



53.6990, 65.9210, 55.3370

Triad

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



67.0290, 29.7010, 50.9570



68.5870, 34.1150, -18.0530



67.5700, -63.4990, -11.1070

Complementary

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



67.0290, 29.7010, 50.9570



85.9710, -29.7010, -50.9570

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.



62.2120, -48.4120, -25.7240



67.0290, 29.7010, 50.9570



61.2790, 2.2070, -34.5050

Square

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



67.0290, 29.7010, 50.9570



67.0240, 61.3460, 0.5620



54.4090, -30.5740, -40.6380



69.9130, -74.2300, 1.6580

Rectangle

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



67.0290, 29.7010, 50.9570



50.4640, 76.4680, 45.9080



54.4090, -30.5740, -40.6380



65.8600, -58.6840, -15.7720

Sweetspot

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



67.0290, 29.7010, 50.9570



142.1780, 11.9630, 19.9870



39.0090, -29.4410, 32.4710



69.7980, 6.9210, 12.2410



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.



67.0290, 29.7010, 50.9570



72.1140, 46.6600, 79.5240



61.3290, 45.7510, 35.4070



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.



67.0290, 29.7010, 50.9570



72.1140, 46.6600, 79.5240



91.6710, -45.7510, -35.4070



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 67.0290, 29.7010, 50.9570 looks on a white background.

Color Contrast Check

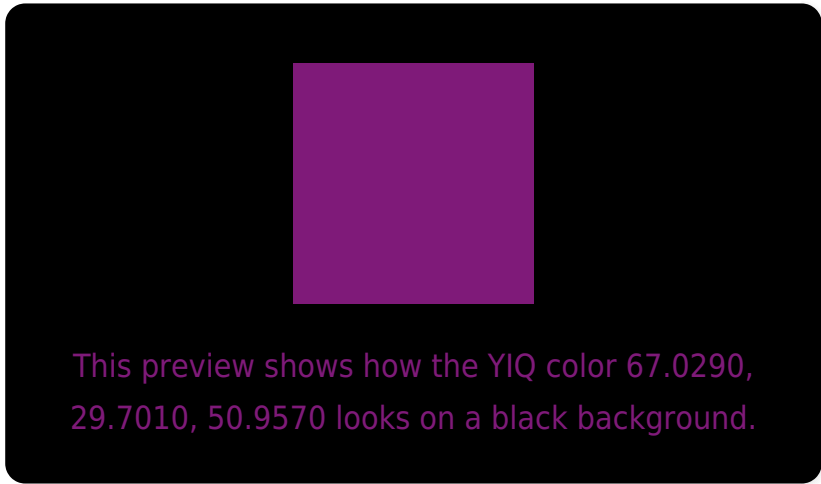
Large Text (above 18pt) WCAG AA ✓ Pass

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

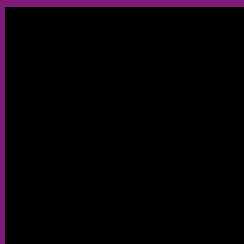
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.0290, 29.7010, 50.9570

Background



This preview shows how black text looks on a background with the YIQ color 67.0290, 29.7010, 50.9570.



This preview shows how white text looks on a background with the YIQ color 67.0290, 29.7010,

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

67.0290, 29.7010, 50.9570

Protanopia

59.5920, -68.5920, 9.6160

Deuteranopia

72.5800, -24.7600, 8.2000



Tritanopia

72.7880, 39.2440, 15.6600

Trichromacy



Original Color

67.0290, 29.7010, 50.9570

Protanomaly

62.1130, -32.9700, 24.8380

Deuteranomaly

71.0160, -4.9560, 23.7480

Tritanomaly

71.1380, 35.8030, 28.4670

Monochromacy



Original Color

67.0290, 29.7010, 50.9570

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.0530, 10.8170, 18.7290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.0290, 29.7010, 50.9570 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(127, 26, 121)` looks like.

```
.text, #text, p{  
    color:rgb(127, 26, 121)  
}
```

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(127, 26, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 26, 121) }
```

Border

The CSS property to change the border of an element to YIQ 67.0290, 29.7010, 50.9570 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(127, 26, 121) }
```


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

```
.border{ border-color:rgb(127, 26, 121) }
```

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

Here you see how a box with a 4 pixel rgb(127, 26, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 26, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 26, 121);  
box-shadow:4px 4px 4px 4px rgb(127, 26,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 67.0290, 29.7010, 50.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 26, 121) }
```

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

```
.background{ background-color: rgb(127, 26,  
121) }
```

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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