

Converting Colors

YIQ(67.2770, 35.4750, 67.4670)

Have a look what the booklet for
YIQ(67.2770, 35.4750, 67.4670)
contains.

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Color

**YIQ(67.2770, 35.4750,
67.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	8F0E8F
RGB	143, 14, 143
RGB Percent	56%, 5%, 56%
CMY	0.4388, 0.9453, 0.4392
CMYK	0.00, 0.90, 0.00, 0.44
HSL	300°, 82%, 31%
HSV	300°, 90%, 56%
XYZ	16.4598, 8.1446, 26.6953
YIQ	67.2770, 35.4750, 67.4670

Conversions

Conversions Part 2

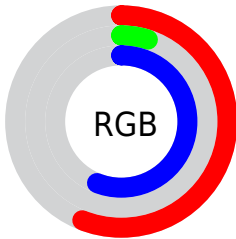
Format	Color
R_{YB}	143, 14, 143
Decimal	9375375
CIE _{Lab}	34.28, 61.96, -38.48
CIE _{LCh}	34, 72.941, 328.157
Yxy	8.1446, 0.3209, 0.1588
Android (android.graphics.Color)	4287565455 (0xFF8F0E8F)
YUV	67.2770, 37.3314, 66.4091
Hunter-Lab	28.5387, 53.0080, -35.4831

Details

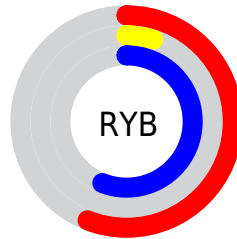
The YIQ color **67.2770, 35.4750, 67.4670** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **89.7230, -35.4750, -67.4670**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **129.8050, 33.6880, 61.3040**, and **36.8000, 22.9160, 47.2680** is the 20% darker color. If you saturate the color by 10%, you get **59.0590, 39.3250, 74.7890**, and if you desaturate by 10%, it is **75.4950, 31.6250, 60.1450**.

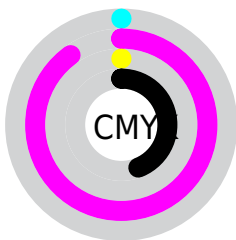
Distribution



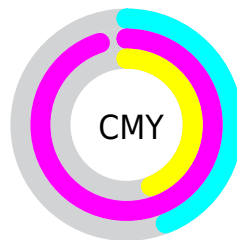
- Red (56%)
- Green (5%)
- Blue (56%)



- Red (56%)
- Yellow (5%)
- Blue (56%)



- Cyan (0%)
- Magenta (90%)
- Yellow (0%)
- Black (44%)



- Cyan (44%)
- Magenta (95%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.2770, 35.4750, 67.4670 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 67.2770, 35.4750, 67.4670 by changing the saturation by 10% instead.

67.2770, 35.4750,
67.4670

67.2770, 35.4750,
67.4670

255.0000, -0.0000,
-0.0000

47.7230, 30.9830,
60.7670

129.8050, 33.6880,
61.3040

36.8000, 22.9160,
47.2680

158.5170, 34.5590,
62.0390

26.2900, 15.1240,
34.2920

185.6200, 32.7710,
61.4030

15.8940, 7.0110,
21.6270

202.1700, 24.7500,
47.0700

3.2090, -7.6580,
6.6300

219.1930, 16.7750,
31.9030

0.0000, 0.0000,
0.0000

236.2160, 8.8000,

16.7360

253.2390, 0.8250,
1.5690

67.2770, 35.4750,
67.4670

67.2770, 35.4750,
67.4670

59.0590, 39.3250,
74.7890

75.4950, 31.6250,
60.1450

84.3000, 27.5000,
52.3000

92.5180, 23.6500,
44.9780

100.7360, 19.8000,
37.6560

109.5410, 15.6750,
29.8110

■ 117.7590, 11.8250,
22.4890

■ 125.9770, 7.9750,
15.1670

■ 134.1950, 4.1250,
7.8450

■ 143.0000, -0.0000,
0.0000

Harmonies

Analogous

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



75.3690, -48.0100, 33.0940



67.2770, 35.4750, 67.4670



61.9440, 75.7770, 63.9450

Triad

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



67.2770, 35.4750, 67.4670



76.2840, 39.3420, -19.1700



75.8510, -71.6600, -11.8840

Complementary

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



67.2770, 35.4750, 67.4670



89.7230, -35.4750, -67.4670

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.



68.4240, -52.1250, -30.0210



67.2770, 35.4750, 67.4670



66.8610, 0.3280, -39.0000

Square

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



67.2770, 35.4750, 67.4670



72.1180, 72.9450, 5.1130



58.5690, -28.5090, -50.5330



79.8070, -85.5550, 3.1570

Rectangle

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



67.2770, 35.4750, 67.4670



58.2100, 89.1670, 52.5510



58.5690, -28.5090, -50.5330



73.6850, -65.5610, -17.7930

Sweetspot

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



67.2770, 35.4750, 67.4670



156.6500, 13.7500, 26.1500



28.7060, -41.4090, 40.1190



76.3900, 8.2500, 15.6900



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.



67.2770, 35.4750, 67.4670



76.8180, 51.1500, 97.2780



59.9810, 56.0190, 47.5630



66.8910, 1.9250, 3.6610



55.7550, 37.1250, 70.6050



3.3040, 2.2000, 4.1840

Inverse Universe

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



67.2770, 35.4750, 67.4670



76.8180, 51.1500, 97.2780



97.1330, -56.3400, -47.2520



66.8910, 1.9250, 3.6610



55.7550, 37.1250, 70.6050



3.3040, 2.2000, 4.1840

Previews

White Background



This preview shows how the YIQ color 67.2770, 35.4750, 67.4670 looks on a white background.

Color Contrast Check

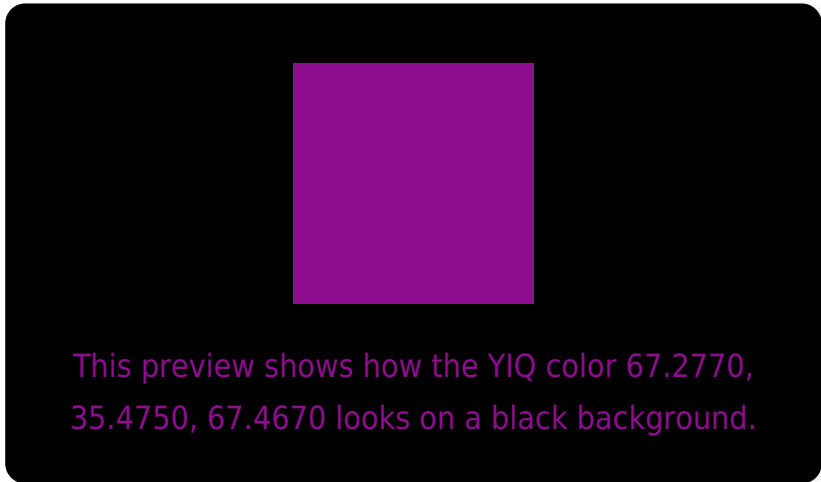
Large Text (above 18pt) WCAG AA ✓ Pass

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

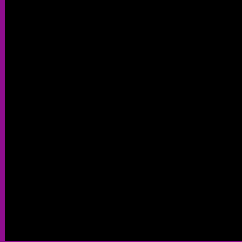
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.2770, 35.4750, 67.4670

Background



This preview shows how black text looks on a background with the YIQ color 67.2770, 35.4750, 67.4670.



This preview shows how white text looks on a background with the YIQ color 67.2770, 35.4750,

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

67.2770, 35.4750, 67.4670

Protanopia

66.2260, -76.2490, 10.7190

Deuteranopia

79.3600, -35.7640, 9.3880



Tritanopia

80.4790, 44.6080, 17.5680

Trichromacy



Original Color

67.2770, 35.4750, 67.4670



Protanomaly

66.6600, -35.7680, 31.4960



Deuteranomaly

74.8940, -10.1840, 30.3920



Tritanomaly

75.4040, 41.1660, 35.9020

Monochromacy



Original Color

67.2770, 35.4750, 67.4670



Achromatopsia

67.0000, -0.0000, -0.0000



Achromatomaly

67.4110, 12.9250, 24.5810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.2770, 35.4750, 67.4670 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(143, 14, 143)` looks like.

```
.text, #text, p{  
    color:rgb(143, 14, 143)  
}
```

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(143, 14, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 14, 143) }
```

Border

The CSS property to change the border of an element to YIQ 67.2770, 35.4750, 67.4670 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(143, 14, 143) }
```


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

```
.border{ border-color:rgb(143, 14, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 14, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 14, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 14, 143);  
box-shadow:4px 4px 4px 4px rgb(143, 14,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 67.2770, 35.4750, 67.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 14, 143) }
```

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

```
.background{ background-color: rgb(143, 14,  
143) }
```

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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