

Converting Colors

YIQ(67.1750, 43.5490, 42.2770)

Have a look what the booklet for
YIQ(67.1750, 43.5490, 42.2770)
contains.

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Color

**YIQ(67.1750, 43.5490,
42.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	871C5B
RGB	135, 28, 91
RGB Percent	53%, 11%, 36%
CMY	0.4703, 0.8903, 0.6430
CMYK	0.00, 0.79, 0.33, 0.47
HSL	325°, 66%, 32%
HSV	325°, 79%, 53%
XYZ	12.3076, 6.7414, 10.5572
YIQ	67.1750, 43.5490, 42.2770

Conversions

Conversions Part 2

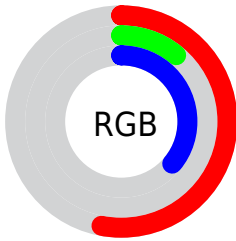
Format	Color
RYB	135, 28, 91
Decimal	8854619
CIELab	31.21, 49.46, -10.48
CIElCh	31, 50.562, 348.034
Yxy	6.7414, 0.4157, 0.2277
Android (android.graphics.Color)	4287044699 (0xFF871C5B)
YUV	67.1750, 11.7457, 59.4825
Hunter-Lab	25.9642, 39.1759, -5.9328

Details

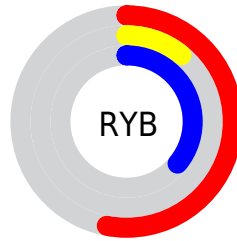
The YIQ color **67.1750, 43.5490, 42.2770** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **95.8250, -43.5490, -42.2770**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.7900, 46.0710, 40.6230**, and **29.3490, 33.8310, 31.1670** is the 20% darker color. If you saturate the color by 10%, you get **58.2730, 49.3250, 47.7330**, and if you desaturate by 10%, it is **75.4900, 38.0480, 37.3440**.

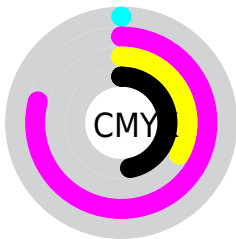
Distribution



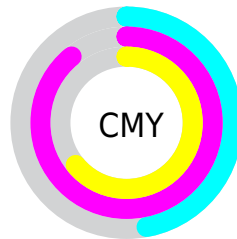
- Red (53%)
- Green (11%)
- Blue (36%)



- Red (53%)
- Yellow (11%)
- Blue (36%)



- Cyan (0%)
- Magenta (79%)
- Yellow (33%)
- Black (47%)



- Cyan (47%)
- Magenta (89%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.1750, 43.5490, 42.2770 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 67.1750, 43.5490, 42.2770 by changing the saturation by 10% instead.

67.1750, 43.5490,
42.2770

67.1750, 43.5490,
42.2770

255.0000, -0.0000,
-0.0000

40.0440, 42.5400,
44.0440

122.7900, 46.0710,
40.6230

29.3490, 33.8310,
31.1670

150.3880, 47.2630,
41.0470

19.5940, 25.3510,
19.6470

178.2850, 49.0510,
41.6830

7.2900, 13.9830,
5.3990

198.5220, 35.0220,
37.1180

0.0000, 0.0000,
0.0000

218.7370, 18.0590,
30.6590

235.6290, 9.0750,

17.2590

252.6520, 1.1000,
2.0920

67.1750, 43.5490,
42.2770

67.1750, 43.5490,
42.2770

58.2730, 49.3250,
47.7330

75.4900, 38.0480,
37.3440

50.0720, 54.5050,
52.9770

84.2780, 32.5930,
31.5770

49.4850, 54.7800,
53.5000

92.5930, 27.0920,
26.6440

101.3810, 21.6370,
20.8770

110.2830, 15.8610,
15.4210

■ 118.4840, 10.6810,
10.1770

■ 127.3860, 4.9050,
4.7210

■ 135.5870, -0.2750,
-0.5230

■ 144.4890, -6.0510,
-5.9790

Harmonies

Analogous

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



74.9240, 7.4670, 35.3950



67.1750, 43.5490, 42.2770



64.2350, 60.5150, 32.1550

Triad

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



67.1750, 43.5490, 42.2770



66.7050, 18.8030, -26.9010



67.2910, -66.8470, -5.4950

Complementary

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



67.1750, 43.5490, 42.2770



95.8250, -43.5490, -42.2770

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.



64.4750, -56.1620, -17.4260



67.1750, 43.5490, 42.2770



53.3450, -24.5220, -40.1860

Square

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



67.1750, 43.5490, 42.2770



69.5390, 43.2380, -12.6820



59.2140, -42.7260, -29.6540



65.9350, -71.2960, 3.5520

Rectangle

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



67.1750, 43.5490, 42.2770



66.8090, 61.1140, 15.7860



59.2140, -42.7260, -29.6540



66.7380, -63.9120, -9.1280

Sweetspot

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



67.1750, 43.5490, 42.2770



149.4080, 17.0070, 16.6790



53.0550, -8.7190, 42.3930



72.5980, 10.3600, 10.4880



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



67.1750, 43.5490, 42.2770



70.1050, 68.0740, 65.8820



61.2470, 60.2410, 26.1050



62.2500, 2.2920, 2.5160



47.6480, 52.7630, 51.5070



1.1250, 1.1460, 1.2580

Inverse Universe

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



67.1750, 43.5490, 42.2770



70.1050, 68.0740, 65.8820



101.7530, -60.2410, -26.1050



62.2500, 2.2920, 2.5160



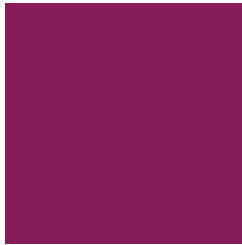
47.6480, 52.7630, 51.5070



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 67.1750, 43.5490, 42.2770 looks on a white background.

Color Contrast Check

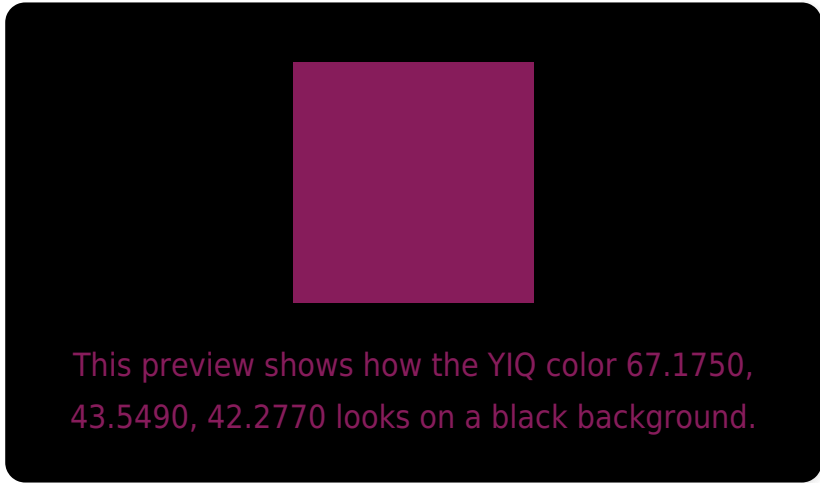
Large Text (above 18pt) WCAG AA ✓ Pass

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

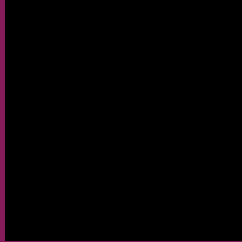
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.1750, 43.5490, 42.2770

Background



This preview shows how black text looks on a background with the YIQ color 67.1750, 43.5490, 42.2770.



This preview shows how white text looks on a background with the YIQ color 67.1750, 43.5490,

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

67.1750, 43.5490, 42.2770

Protanopia

73.3180, -26.7780, 11.7340

Deuteranopia

75.5640, -1.4680, 4.5800



Tritanopia

69.8390, 52.4020, 19.4900

Trichromacy



Original Color

67.1750, 43.5490, 42.2770

Protanomaly

71.2290, -1.2420, 22.5180

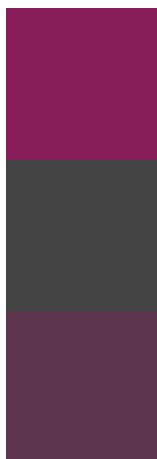
Deuteranomaly

72.6790, 14.8060, 18.0220

Tritanomaly

69.1410, 48.9160, 27.6040

Monochromacy



Original Color

67.1750, 43.5490, 42.2770

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.2830, 15.8610, 15.4210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.1750, 43.5490, 42.2770 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(135, 28, 91)` looks like.

```
.text, #text, p{  
    color:rgb(135, 28, 91)  
}
```

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(135, 28, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 28, 91) }
```

Border

The CSS property to change the border of an element to YIQ 67.1750, 43.5490, 42.2770 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(135, 28, 91) }
```


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

```
.border{ border-color:rgb(135, 28, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 28, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 28, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 28, 91);  
box-shadow:4px 4px 4px 4px rgb(135, 28,  
91) }
```

Background

The CSS property to change the background color of an element to YIQ 67.1750, 43.5490, 42.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 28, 91) }
```

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

```
.background{ background-color: rgb(135, 28,  
91) }
```

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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