

Converting Colors

YIQ(67.4990, 77.3870, 34.7550)

Have a look what the booklet for
YIQ(67.4990, 77.3870, 34.7550)
contains.

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Color

**YIQ(67.4990, 77.3870,
34.7550)**

Conversions

Conversions Part 1

Format	Color
Hex	A31829
RGB	163, 24, 41
RGB Percent	64%, 9%, 16%
CMY	0.3604, 0.9061, 0.8389
CMYK	0.00, 0.85, 0.75, 0.36
HSL	353°, 74%, 37%
HSV	353°, 85%, 64%
XYZ	15.8491, 8.6072, 2.9307
YIQ	67.4990, 77.3870, 34.7550

Conversions

Conversions Part 2

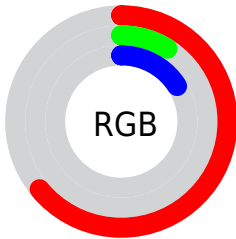
Format	Color
RYB	163, 24, 41
Decimal	10688553
CIELab	35.22, 54.44, 28.37
CIELCh	35, 61.391, 27.521
Yxy	8.6072, 0.5787, 0.3143
Android (android.graphics.Color)	4288878633 (0xFFA31829)
YUV	67.4990, -13.0640, 83.7544
Hunter-Lab	29.3380, 45.0881, 14.6139

Details

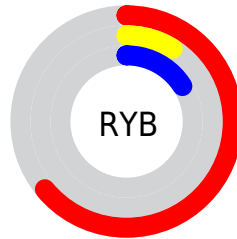
The YIQ color **67.4990, 77.3870, 34.7550** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **119.5010, -77.3870, -34.7550**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **126.9740, 83.1190, 29.9910**, and **30.7970, 61.3880, 21.8360** is the 20% darker color. If you saturate the color by 10%, you get **56.5110, 86.2810, 38.7690**, and if you desaturate by 10%, it is **78.4870, 68.4930, 30.7410**.

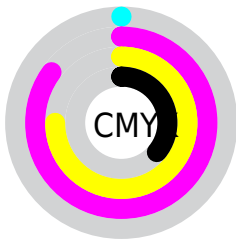
Distribution



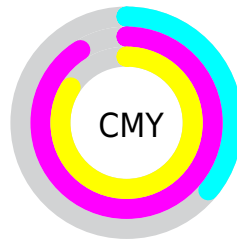
- Red (64%)
- Green (9%)
- Blue (16%)



- Red (64%)
- Yellow (9%)
- Blue (16%)



- Cyan (0%)
- Magenta (85%)
- Yellow (75%)
- Black (36%)





- Cyan (36%)
- Magenta (91%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 67.4990, 77.3870, 34.7550 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 67.4990, 77.3870, 34.7550 by changing the saturation by 10% instead.


 67.4990, 77.3870,
34.7550


 67.4990, 77.3870,
34.7550


255.0000, -0.0000,
-0.0000


 42.1610, 72.5270,
34.7270


 126.9740, 83.1190,
29.9910


 30.7970, 61.3880,
21.8360

 155.2300, 85.2740,
29.4820


 22.1260, 44.1040,
15.6880

 173.9290, 69.8240,
23.1360

 13.6830, 26.1780,
10.1620

 193.3290, 53.7780,
16.5780

 0.0000, 0.0000,
0.0000

 213.5440, 36.8150,
10.1190

 233.6450, 20.1730,

3.3490

253.9740, 2.8890,
-2.7990

67.4990, 77.3870,
34.7550

67.4990, 77.3870,
34.7550

56.5110, 86.2810,
38.7690

78.4870, 68.4930,
30.7410

51.0170, 90.7280,
40.7760

90.1760, 59.0030,
26.5150

101.1640, 50.1090,
22.5010

112.1520, 41.2150,
18.4870

123.2540, 32.0000,
14.7840

■ 134.8290, 22.8310,
10.2470

■ 145.8170, 13.9370,
6.2330

■ 156.8050, 5.0430,
2.2190

■ 168.4940, -4.4470,
-2.0070

Harmonies

Analogous

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



59.7690, 68.9000, 61.9240



67.4990, 77.3870, 34.7550



75.6180, 68.3610, 0.0810

Triad

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



67.4990, 77.3870, 34.7550



61.4360, -35.2040, -44.8360



74.1650, -83.4470, 9.0090

Complementary

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



67.4990, 77.3870, 34.7550



119.5010, -77.3870, -34.7550

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.



77.6240, -80.7860, -0.6740



67.4990, 77.3870, 34.7550



69.2390, -53.0420, -29.9220

Square

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



67.4990, 77.3870, 34.7550



71.6340, 8.3970, -36.5550



74.9390, -69.0920, -14.3720



80.8940, -36.5470, 29.0930

Rectangle

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



67.4990, 77.3870, 34.7550



78.4320, 50.8490, -12.9510



74.9390, -69.0920, -14.3720



76.2850, -83.9050, 6.2950

Sweetspot

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



67.4990, 77.3870, 34.7550



174.1290, 30.8540, 13.5260



76.0250, 27.4970, 68.8810



84.3230, 18.3840, 8.2400



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



67.4990, 77.3870, 34.7550



66.3520, 118.0060, 53.0300



95.4980, 68.8190, 2.7950



75.8050, 5.0430, 2.2190



45.4070, 80.6420, 36.3380



5.6100, 10.0860, 4.4380

Inverse Universe

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



67.4990, 77.3870, 34.7550



66.3520, 118.0060, 53.0300



91.5020, -68.8190, -2.7950



75.8050, 5.0430, 2.2190



45.4070, 80.6420, 36.3380



5.6100, 10.0860, 4.4380

Previews

White Background



This preview shows how the YIQ color 67.4990, 77.3870, 34.7550 looks on a white background.

Color Contrast Check

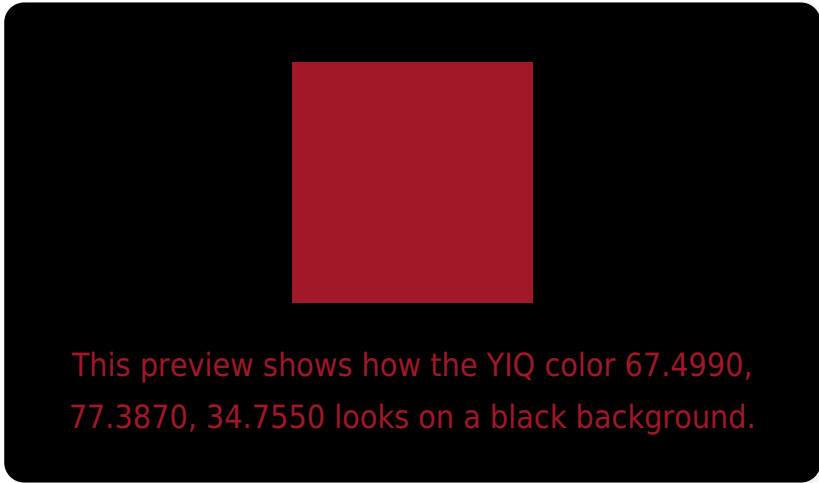
Large Text (above 18pt) WCAG AA ✓ Pass

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

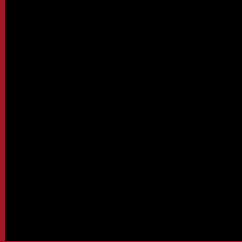
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.4990, 77.3870, 34.7550

Background



This preview shows how black text looks on a background with the YIQ color 67.4990, 77.3870, 34.7550.



This preview shows how white text looks on a background with the YIQ color 67.4990, 77.3870,

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

67.4990, 77.3870, 34.7550

Protanopia

83.3570, 11.8760, -5.9800

Deuteranopia

82.0030, 30.3080, -9.6280



Tritanopia

67.5500, 81.3770, 28.5210

Trichromacy



Original Color

67.4990, 77.3870, 34.7550

Protanomaly

77.4190, 35.6690, 8.8610

Deuteranomaly

76.8840, 47.3610, 6.2170

Tritanomaly

67.5330, 80.0470, 30.5990

Monochromacy



Original Color

67.4990, 77.3870, 34.7550

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.0470, 28.1490, 12.9890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.4990, 77.3870, 34.7550 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(163, 24, 41)` looks like.

```
.text, #text, p{  
    color:rgb(163, 24, 41)  
}
```

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(163, 24, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 24, 41) }
```

Border

The CSS property to change the border of an element to YIQ 67.4990, 77.3870, 34.7550 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(163, 24, 41) }
```


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

```
.border{ border-color:rgb(163, 24, 41) }
```

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

Here you see how a box with a 4 pixel rgb(163, 24, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 24, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 24, 41);  
box-shadow:4px 4px 4px 4px rgb(163, 24,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 67.4990, 77.3870, 34.7550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 24, 41) }
```

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

```
.background{ background-color: rgb(163, 24,  
41) }
```

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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