

Converting Colors

YIQ(67.8530, 32.5920, 37.1040)

Have a look what the booklet for
YIQ(67.8530, 32.5920, 37.1040)
contains.

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Color

**YIQ(67.8530, 32.5920,
37.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	7A235F
RGB	122, 35, 95
RGB Percent	48%, 14%, 37%
CMY	0.5213, 0.8629, 0.6274
CMYK	0.00, 0.71, 0.22, 0.52
HSL	319°, 55%, 31%
HSV	319°, 71%, 48%
XYZ	10.7013, 6.1687, 11.4582
YIQ	67.8530, 32.5920, 37.1040

Conversions

Conversions Part 2

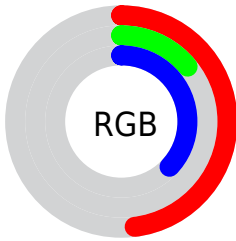
Format	Color
R_{YB}	122, 35, 95
Decimal	8004447
CIE _{Lab}	29.83, 43.88, -15.40
CIE _{LCh}	30, 46.500, 340.660
Yxy	6.1687, 0.3778, 0.2178
Android (android.graphics.Color)	4286194527 (0xFF7A235F)
YUV	67.8530, 13.3835, 47.4869
Hunter-Lab	24.8368, 33.4454, -9.9670

Details

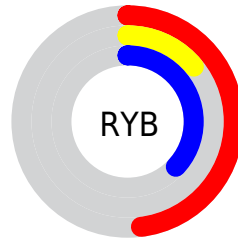
The YIQ color **67.8530, 32.5920, 37.1040** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **89.1470, -32.5920, -37.1040**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **120.6360, 34.7010, 37.4290**, and **26.5160, 25.9910, 30.0790** is the 20% darker color. If you saturate the color by 10%, you get **60.3530, 37.1760, 42.1360**, and if you desaturate by 10%, it is **75.3530, 28.0080, 32.0720**.

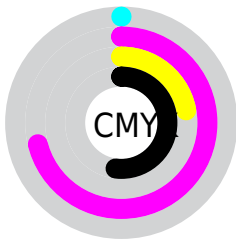
Distribution



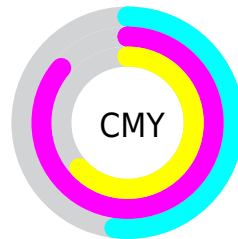
- Red (48%)
- Green (14%)
- Blue (37%)



- Red (48%)
- Yellow (14%)
- Blue (37%)



- Cyan (0%)
- Magenta (71%)
- Yellow (22%)
- Black (52%)



- Cyan (52%)
- Magenta (86%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.8530, 32.5920, 37.1040 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 67.8530, 32.5920, 37.1040 by changing the saturation by 10% instead.

67.8530, 32.5920,
37.1040

67.8530, 32.5920,
37.1040

255.0000, -0.0000,
-0.0000

37.3850, 34.1500,
41.9100

120.6360, 34.7010,
37.4290

26.5160, 25.9910,
30.0790

147.5330, 36.4890,
38.0650

17.5440, 19.6200,
18.8840

175.2450, 37.3600,
38.8000

0.0000, 0.0000,
0.0000

200.2660, 32.8670,
37.6270

219.7800, 16.5000,
31.3800

236.8030, 8.5250,

16.2130

253.8260, 0.5500,
1.0460

■ 67.8530, 32.5920,
37.1040

■ 67.8530, 32.5920,
37.1040

■ 60.3530, 37.1760,
42.1360

■ 75.3530, 28.0080,
32.0720

■ 52.8530, 41.7600,
47.1680

■ 82.8530, 23.4240,
27.0400

■ 46.0540, 45.7480,
51.9880

■ 90.8260, 18.8860,
21.1740

■ 98.3260, 14.3020,
16.1420

■ 105.8260, 9.7180,
11.1100

■ 113.3260, 5.1340,
6.0780

■ 120.8260, 0.5500,
1.0460

■ 128.7990, -3.9880,
-4.8200

■ 136.2990, -8.5720,
-9.8520

Harmonies

Analogous

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



72.0750, -3.4440, 29.3880



67.8530, 32.5920, 37.1040



62.9290, 52.6290, 31.9010

Triad

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



67.8530, 32.5920, 37.1040



65.2760, 24.6250, -22.2790



63.2330, -60.9320, -8.0680

Complementary

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



67.8530, 32.5920, 37.1040



89.1470, -32.5920, -37.1040

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.



59.9440, -50.2930, -19.1650



67.8530, 32.5920, 37.1040



57.6850, -4.8080, -34.0240

Square

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



67.8530, 32.5920, 37.1040



66.6150, 46.0800, -9.1200



55.0250, -37.8200, -30.4600



63.3930, -66.8940, 0.8660

Rectangle

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



67.8530, 32.5920, 37.1040



64.1060, 56.0240, 19.9280



55.0250, -37.8200, -30.4600



62.5660, -57.6760, -12.0120

Sweetspot

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



67.8530, 32.5920, 37.1040



137.4890, 12.2850, 14.1490



52.6920, -12.4310, 32.5690



66.5760, 7.4260, 8.5940



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



67.8530, 32.5920, 37.1040



73.3800, 50.8820, 58.0660



62.9510, 46.3950, 23.7310



57.2500, 2.2920, 2.5160



47.1790, 46.8940, 53.2460



95.1840, 94.3380, 107.5380

Inverse Universe

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



67.8530, 32.5920, 37.1040



73.3800, 50.8820, 58.0660



94.0490, -46.3950, -23.7310



57.2500, 2.2920, 2.5160



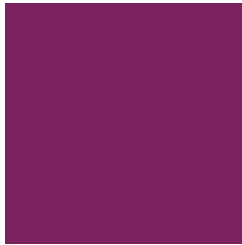
47.1790, 46.8940, 53.2460



95.1840, 94.3380, 107.5380

Previews

White Background



This preview shows how the YIQ color 67.8530, 32.5920, 37.1040 looks on a white background.

Color Contrast Check

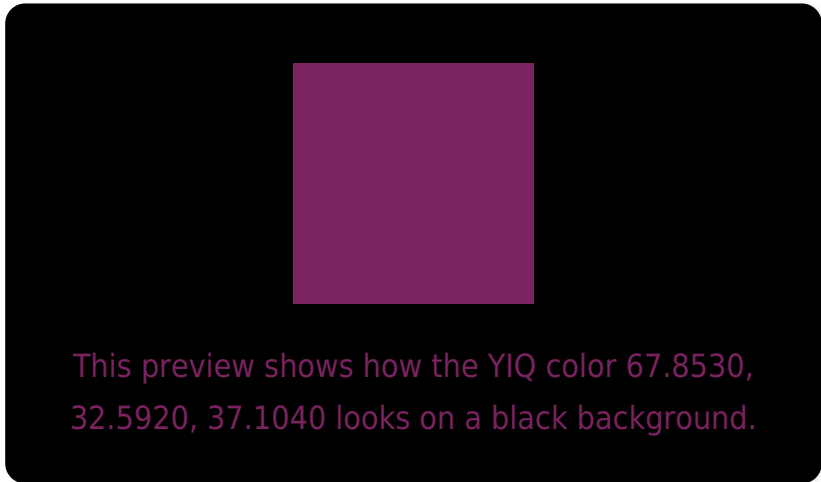
Large Text (above 18pt) WCAG AA ✓ Pass

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

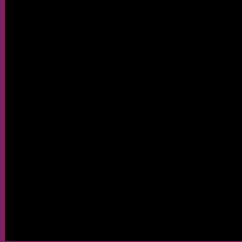
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.8530, 32.5920, 37.1040

Background



This preview shows how black text looks on a background with the YIQ color 67.8530, 32.5920, 37.1040.



This preview shows how white text looks on a background with the YIQ color 67.8530, 32.5920,

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

67.8530, 32.5920, 37.1040

Protanopia

69.6490, -29.2080, 11.7200

Deuteranopia

71.9810, -7.0160, 6.0080



Tritanopia

69.2720, 40.7570, 15.7730

Trichromacy



Original Color

67.8530, 32.5920, 37.1040

Protanomaly

68.9510, -6.3310, 21.1330

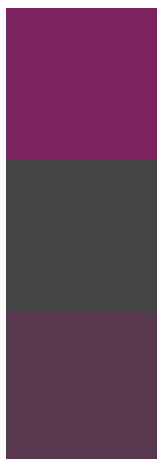
Deuteranomaly

70.2590, 7.2410, 17.4570

Tritanomaly

68.4600, 37.5920, 23.5760

Monochromacy



Original Color

67.8530, 32.5920, 37.1040

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

68.0760, 12.0100, 13.6260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.8530, 32.5920, 37.1040 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(122, 35, 95)` looks like.

```
.text, #text, p{  
    color:rgb(122, 35, 95)  
}
```

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(122, 35, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 35, 95) }
```

Border

The CSS property to change the border of an element to YIQ 67.8530, 32.5920, 37.1040 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(122, 35, 95) }
```


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

```
.border{ border-color:rgb(122, 35, 95) }
```

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

Here you see how a box with a 4 pixel rgb(122, 35, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 35, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 35, 95);  
box-shadow:4px 4px 4px 4px rgb(122, 35,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 67.8530, 32.5920, 37.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 35, 95) }
```

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

```
.background{ background-color: rgb(122, 35,  
95) }
```

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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