

Converting Colors

YIQ(64.7070, 35.9390, 37.0190)

Have a look what the booklet for
YIQ(64.7070, 35.9390, 37.0190)
contains.

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Color

**YIQ(64.7070, 35.9390,
37.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	7A1F58
RGB	122, 31, 88
RGB Percent	48%, 12%, 35%
CMY	0.5213, 0.8786, 0.6548
CMYK	0.00, 0.75, 0.28, 0.52
HSL	322°, 60%, 30%
HSV	322°, 75%, 48%
XYZ	10.2866, 5.8252, 9.8202
YIQ	64.7070, 35.9390, 37.0190

Conversions

Conversions Part 2

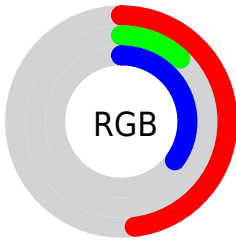
Format	Color
R_{YB}	122, 31, 88
Decimal	8003416
CIE _{Lab}	28.97, 44.45, -12.16
CIE _{LCh}	29, 46.086, 344.699
Yxy	5.8252, 0.3967, 0.2246
Android (android.graphics.Color)	4286193496 (0xFF7A1F58)
YUV	64.7070, 11.4834, 50.2460
Hunter-Lab	24.1356, 33.8399, -7.2288

Details

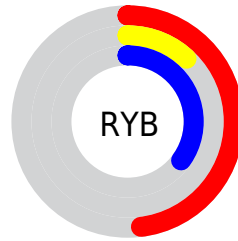
The YIQ color **64.7070, 35.9390, 37.0190** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **88.2930, -35.9390, -37.0190**, and the grayscale version is **65.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.9630, 38.0940, 36.5100**, and **25.4190, 27.6420, 27.6900** is the 20% darker color. If you saturate the color by 10%, you get **57.0930, 40.8440, 41.7400**, and if you desaturate by 10%, it is **72.3210, 31.0340, 32.2980**.

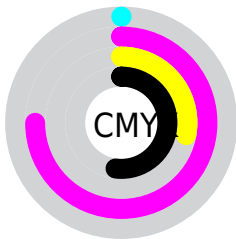
Distribution



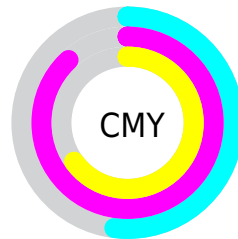
- Red (48%)
- Green (12%)
- Blue (35%)



- Red (48%)
- Yellow (12%)
- Blue (35%)



- Cyan (0%)
- Magenta (75%)
- Yellow (28%)
- Black (52%)



- Cyan (52%)
- Magenta (88%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 64.7070, 35.9390, 37.0190 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 64.7070, 35.9390, 37.0190 by changing the saturation by 10% instead.

64.7070, 35.9390,
37.0190

64.7070, 35.9390,
37.0190

255.0000, -0.0000,
-0.0000

35.8150, 35.7550,
40.3550

117.9630, 38.0940,
36.5100

25.5330, 27.3210,
28.0010

144.8600, 39.8820,
37.1460

16.5610, 20.9500,
16.8060

172.4580, 41.0740,
37.5700

0.0000, 0.0000,
0.0000

197.4790, 36.5810,
36.3970

217.2210, 19.5720,
30.7720

234.4550, 9.6250,

18.3050

251.4780, 1.6500,
3.1380

64.7070, 35.9390,
37.0190

64.7070, 35.9390,
37.0190

57.0930, 40.8440,
41.7400

72.3210, 31.0340,
32.2980

49.5930, 45.4280,
46.7720

79.8210, 26.4500,
27.2660

45.1420, 48.3160,
49.5000

88.0220, 21.2700,
22.0220

95.5220, 16.6860,
16.9900

103.1360, 11.7810,
12.2690

■ 110.6360, 7.1970,
7.2370

■ 118.2500, 2.2920,
2.5160

■ 126.4510, -2.8880,
-2.7280

■ 133.9510, -7.4720,
-7.7600

Harmonies

Analogous

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



70.1250, 2.2870, 30.1510



64.7070, 35.9390, 37.0190



60.6470, 53.3630, 29.6110

Triad

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



64.7070, 35.9390, 37.0190



62.5960, 20.7280, -23.2400



62.1730, -60.7030, -6.7110

Complementary

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



64.7070, 35.9390, 37.0190



88.2930, -35.9390, -37.0190

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.



58.9980, -50.3850, -17.4970



64.7070, 35.9390, 37.0190



53.9770, -11.5020, -33.8540

Square

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



64.7070, 35.9390, 37.0190



64.8210, 42.5040, -10.3920



54.1930, -38.2330, -28.4810



61.4040, -65.4270, 1.8130

Rectangle

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



64.7070, 35.9390, 37.0190



62.8130, 55.2910, 16.6910



54.1930, -38.2330, -28.4810



61.6200, -57.7680, -10.3440

Sweetspot

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



64.7070, 35.9390, 37.0190



135.9730, 13.7980, 14.2620



51.2410, -9.5430, 35.2970



65.7610, 8.3430, 8.4950



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.



64.7070, 35.9390, 37.0190



68.6040, 56.0630, 57.7830



59.5770, 50.3840, 23.0240



57.2500, 2.2920, 2.5160



46.2670, 49.4620, 50.7580



93.3600, 99.4740, 102.5620

Inverse Universe

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



64.7070, 35.9390, 37.0190



68.6040, 56.0630, 57.7830



93.4230, -50.3840, -23.0240



57.2500, 2.2920, 2.5160



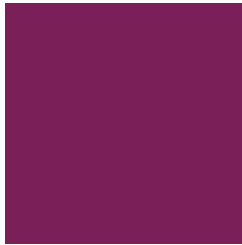
46.2670, 49.4620, 50.7580



93.3600, 99.4740, 102.5620

Previews

White Background



This preview shows how the YIQ color 64.7070, 35.9390, 37.0190 looks on a white background.

Color Contrast Check

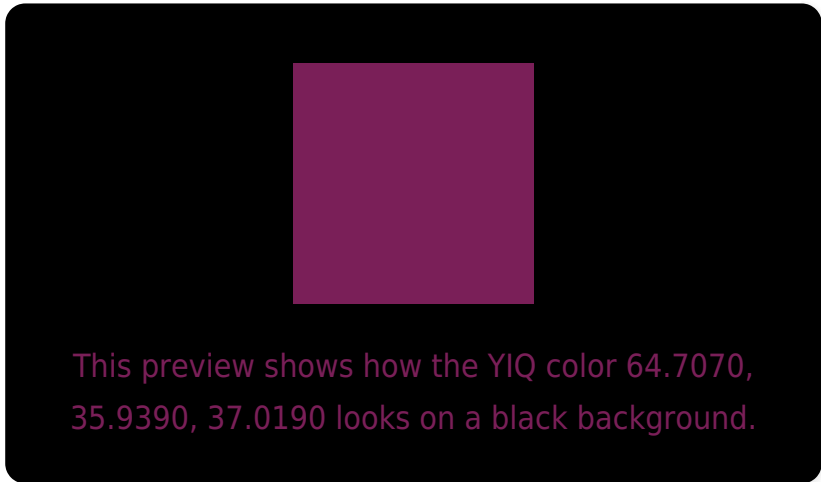
Large Text (above 18pt) WCAG AA ✓ Pass

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

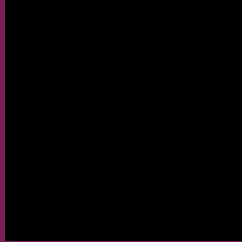
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 64.7070, 35.9390, 37.0190

Background



This preview shows how black text looks on a background with the YIQ color 64.7070, 35.9390, 37.0190.



This preview shows how white text looks on a background with the YIQ color 64.7070, 35.9390,

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

64.7070, 35.9390, 37.0190

Protanopia

68.0900, -26.1360, 11.1120

Deuteranopia

70.3080, -3.6230, 5.0890



Tritanopia

66.6530, 44.0580, 16.5220

Trichromacy



Original Color

64.7070, 35.9390, 37.0190

Protanomaly

67.0930, -3.8550, 20.3130

Deuteranomaly

68.5860, 10.6340, 16.5380

Tritanomaly

65.7270, 41.2140, 24.0140

Monochromacy



Original Color

64.7070, 35.9390, 37.0190

Achromatopsia

65.0000, -0.0000, -0.0000

Achromatomaly

65.1470, 13.2480, 13.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 64.7070, 35.9390, 37.0190 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, 31, 88)` looks like.

```
.text, #text, p{  
    color:rgb(122, 31, 88)  
}
```

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, 31, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 31, 88) }
```

Border

The CSS property to change the border of an element to YIQ 64.7070, 35.9390, 37.0190 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, 31, 88) }
```


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

```
.border{ border-color:rgb(122, 31, 88) }
```

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

Here you see how a box with a 4 pixel rgb(122, 31, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 31, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 31, 88);  
box-shadow:4px 4px 4px 4px rgb(122, 31,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 64.7070, 35.9390, 37.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 31, 88) }
```

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

```
.background{ background-color: rgb(122, 31,  
88) }
```

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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