

Converting Colors

YIQ(123.4370, 19.2040, 37.4440)

Have a look what the booklet for
YIQ(123.4370, 19.2040, 37.4440)
contains.

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Color

**YIQ(123.4370, 19.2040,
37.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	A55EA6
RGB	165, 94, 166
RGB Percent	65%, 37%, 65%
CMY	0.3527, 0.6315, 0.3490
CMYK	0.01, 0.43, 0.00, 0.35
HSL	299°, 29%, 51%
HSV	299°, 43%, 65%
XYZ	26.4119, 18.7587, 38.3076
YIQ	123.4370, 19.2040, 37.4440

Conversions

Conversions Part 2

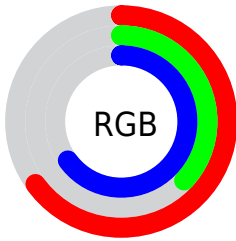
Format	Color
R_{YB}	165, 94, 166
Decimal	10837670
CIE _{Lab}	50.40, 40.06, -26.70
CIE _{LCh}	50, 48.141, 326.313
Yxy	18.7587, 0.3164, 0.2247
Android (android.graphics.Color)	4289027750 (0xFFA55EA6)
YUV	123.4370, 20.9836, 36.4508
Hunter-Lab	43.3113, 33.0572, -22.1224

Details

The YIQ color **123.4370, 19.2040, 37.4440** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **136.5630, -19.2040, -37.4440**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.9750, 20.6250, 39.2250**, and **72.0130, 17.4620, 35.9740** is the 20% darker color. If you saturate the color by 10%, you get **113.4580, 23.8790, 46.3350**, and if you desaturate by 10%, it is **133.4160, 14.5290, 28.5530**.

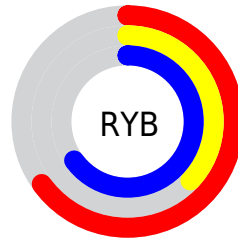
Distribution



Red (65%)

Green (37%)

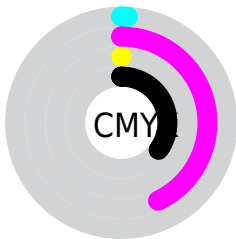
Blue (65%)



Red (65%)

Yellow (37%)

Blue (65%)

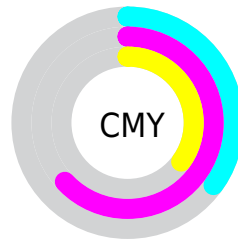


Cyan (1%)

Magenta (43%)

Yellow (0%)

Black (35%)



Cyan (35%)

Magenta (63%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.4370, 19.2040, 37.4440 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 123.4370, 19.2040, 37.4440 by changing the saturation by 10% instead.

123.4370, 19.2040,
37.4440

123.4370, 19.2040,
37.4440

255.0000, -0.0000,
-0.0000

97.6110, 18.6540,
36.3980

176.9750, 20.6250,
39.2250

72.0130, 17.4620,
35.9740

205.6870, 21.4960,
39.9600

45.8390, 18.0120,
37.0200

223.3020, 14.8500,
28.2420

25.6490, 15.4910,
33.1470

240.3250, 6.8750,
13.0750

16.8620, 10.0370,
21.8530

2.9810, -7.0160,
6.0080

0.0000, 0.0000,

0.0000

■ 123.4370, 19.2040,
37.4440

■ 123.4370, 19.2040,
37.4440

■ 113.4580, 23.8790,
46.3350

■ 133.4160, 14.5290,
28.5530

■ 104.0660, 28.2790,
54.7030

■ 142.8080, 10.1290,
20.1850

■ 93.7880, 32.3580,
63.3820

■ 153.0860, 6.0500,
11.5060

■ 84.3960, 36.7580,
71.7500

■ 162.4780, 1.6500,
3.1380

■ 74.4170, 41.4330,
80.6410

■ 172.4570, -3.0250,
-5.7530

■ 67.9600, 44.4580,
86.3940

■ 182.4360, -7.7000,
-14.6440

■ 192.1270,
-11.5040, -22.8000

■ 202.1060,
-16.1790, -31.6910

■ 211.4980,
-20.5790, -40.0590

Harmonies

Analogous

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



120.7610, -26.0470, 26.0250



123.4370, 19.2040, 37.4440



120.3080, 50.2440, 36.5800

Triad

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



123.4370, 19.2040, 37.4440



115.3940, 44.8440, -19.7640



99.8500, -88.2550, -25.0150

Complementary

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



123.4370, 19.2040, 37.4440



136.5630, -19.2040, -37.4440

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.



94.4750, -74.4980, -37.5540



123.4370, 19.2040, 37.4440



111.5040, 14.8150, -31.7210

Square

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



123.4370, 19.2040, 37.4440



117.5510, 61.3000, 1.3960



103.2890, -30.1160, -37.9240



100.6770, -97.4730, -12.1370

Rectangle

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



123.4370, 19.2040, 37.4440



118.3120, 61.6160, 28.7200



103.2890, -30.1160, -37.9240



98.3680, -84.0820, -29.0580

Sweetspot

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



123.4370, 19.2040, 37.4440



200.2650, 7.1040, 14.4320



102.7950, -23.3870, 21.8690



99.1350, 4.3540, 9.2020



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



123.4370, 19.2040, 37.4440



150.0710, 29.8830, 58.6750



119.7460, 31.0350, 26.7710



79.3040, 2.2000, 4.1840



60.5260, 39.5080, 76.9800



8.2600, 5.5000, 10.4600

Inverse Universe

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



115.6420, 42.5910, 15.5750



138.0150, 66.7060, 24.5780



140.2540, -31.0350, -26.7710



78.3920, 4.7680, 1.6960



44.4800, 87.5660, 31.9980



5.9800, 11.9200, 4.2400

Previews

White Background



This preview shows how the YIQ color 123.4370, 19.2040, 37.4440 looks on a white background.

Color Contrast Check

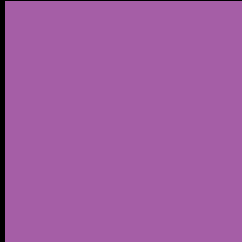
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 123.4370, 19.2040, 37.4440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

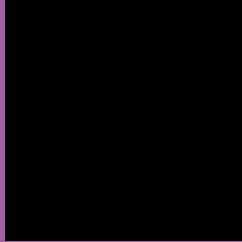
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.4370, 19.2040, 37.4440

Background



This preview shows how black text looks on a background with the YIQ color 123.4370, 19.2040, 37.4440.



This preview shows how white text looks on a background with the YIQ color 123.4370, 19.2040,

37.4440.

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

123.4370, 19.2040, 37.4440

Protanopia

119.1740, -34.9400, 16.4840

Deuteranopia

120.9120, -19.7630, 11.2530



Tritanopia

122.4600, 28.4240, 13.5120

Trichromacy



Original Color

123.4370, 19.2040, 37.4440

Protanomaly

120.5680, -15.3180, 24.3140

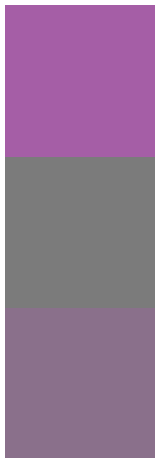
Deuteranomaly

121.7230, -5.6890, 20.5110

Tritanomaly

123.1750, 25.2130, 22.1490

Monochromacy



Original Color

123.4370, 19.2040, 37.4440

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.8520, 6.8290, 13.9090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.4370, 19.2040, 37.4440 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(165, 94, 166)` looks like.

```
.text, #text, p{  
    color:rgb(165, 94, 166)  
}
```

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(165, 94, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 94, 166) }
```

Border

The CSS property to change the border of an element to YIQ 123.4370, 19.2040, 37.4440 is called "border". The border property can be set on classes, ids or directly on the HTML element.

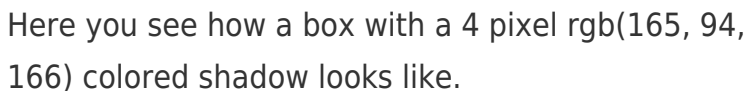
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 94, 166) }
```


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

```
.border{ border-color:rgb(165, 94, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 94, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 94, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 94, 166); box-shadow:4px 4px 4px 4px rgb(165, 94, 166) }
```

Background

The CSS property to change the background color of an element to YIQ 123.4370, 19.2040, 37.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 94, 166) }
```

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

```
.background{ background-color: rgb(165, 94,  
166) }
```

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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