

Converting Colors

YIQ(123.4180, 37.4100, 15.8580)

Have a look what the booklet for
YIQ(123.4180, 37.4100, 15.8580)
contains.

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Color

**YIQ(123.4180, 37.4100,
15.8580)**

Conversions

Conversions Part 1

Format	Color
Hex	A9676D
RGB	169, 103, 109
RGB Percent	66%, 40%, 43%
CMY	0.3371, 0.5962, 0.5724
CMYK	0.00, 0.39, 0.35, 0.34
HSL	354°, 28%, 53%
HSV	354°, 39%, 66%
XYZ	23.9808, 19.2394, 16.9280
YIQ	123.4180, 37.4100, 15.8580

Conversions

Conversions Part 2

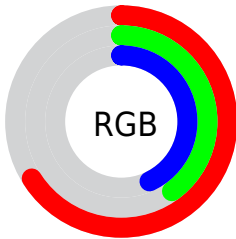
Format	Color
RYB	169, 103, 109
Decimal	11102061
CIELab	50.97, 27.30, 7.92
CIElCh	51, 28.423, 16.173
Yxy	19.2394, 0.3987, 0.3199
Android (android.graphics.Color)	4289292141 (0xFFA9676D)
YUV	123.4180, -7.1081, 39.9754
Hunter-Lab	43.8628, 20.8300, 7.8221

Details

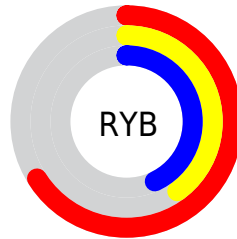
The YIQ color **123.4180, 37.4100, 15.8580** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **148.5820, -37.4100, -15.8580**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.7990, 40.7110, 16.6070**, and **73.1510, 33.7880, 15.4200** is the 20% darker color. If you saturate the color by 10%, you get **111.7290, 46.9000, 20.0840**, and if you desaturate by 10%, it is **135.1070, 27.9200, 11.6320**.

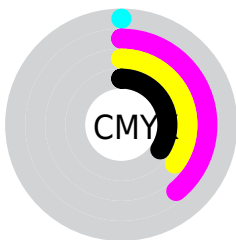
Distribution



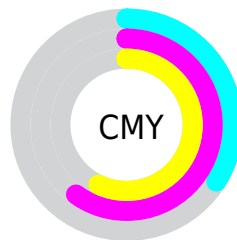
- Red (66%)
- Green (40%)
- Blue (43%)



- Red (66%)
- Yellow (40%)
- Blue (43%)



- Cyan (0%)
- Magenta (39%)
- Yellow (35%)
- Black (34%)





- Cyan (34%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.4180, 37.4100, 15.8580 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 123.4180, 37.4100, 15.8580 by changing the saturation by 10% instead.


 123.4180, 37.4100,
15.8580


 123.4180, 37.4100,
15.8580


255.0000, -0.0000,
-0.0000


 97.9340, 35.8970,
15.7450


 176.7990, 40.7110,
16.6070


 73.1510, 33.7880,
15.4200


 204.3970, 41.9030,
17.0310

 49.0690, 31.0830,
14.8830

 224.0250, 25.2150,
11.0950

 25.2260, 29.2030,
15.9150

 243.7670, 8.2060,
5.4700

 12.6720, 24.7110,
9.2150

 0.0000, 0.0000,
0.0000

123.4180, 37.4100,
15.8580

123.4180, 37.4100,
15.8580

111.7290, 46.9000,
20.0840

135.1070, 27.9200,
11.6320

99.9260, 56.7110,
23.9990

146.9100, 18.1090,
7.7170

88.2370, 66.2010,
28.2250

158.5990, 8.6190,
3.4910

76.5480, 75.6910,
32.4510

170.2880, -0.8710,
-0.7350

64.7450, 85.5020,
36.3660

181.5040,
-10.4070, -4.1270

53.6430, 94.7170,
40.0690


193.1930,
-19.8970, -8.3530

52.3550, 95.5880,
40.8040

204.9960,
-29.7080, -12.2680

216.6850,

-39.1980, -16.4940

 228.3740,
-48.6880, -20.7200

Harmonies

Analogous

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



124.7620, 24.9380, 21.6260



123.4180, 37.4100, 15.8580



122.0510, 39.5210, 5.1290

Triad

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



123.4180, 37.4100, 15.8580



115.2310, -5.8650, -20.3690



114.0330, -48.3250, 0.2430

Complementary

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



123.4180, 37.4100, 15.8580



148.5820, -37.4100, -15.8580

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.



104.2380, -68.4960, -14.1600



123.4180, 37.4100, 15.8580



111.1170, -31.9070, -21.9790

Square

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



123.4180, 37.4100, 15.8580



118.3000, 16.0500, -15.5500



104.3990, -59.0040, -20.9880



121.2970, -22.2850, 12.9070

Rectangle

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



123.4180, 37.4100, 15.8580



121.2690, 35.6710, -2.1930



104.3990, -59.0040, -20.9880



110.6790, -56.2560, -4.7040

Sweetspot

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



123.4180, 37.4100, 15.8580



201.0020, 14.8540, 6.1340



128.1650, 13.9780, 33.0340



99.0120, 8.8940, 4.0140



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.



123.4180, 37.4100, 15.8580



147.9370, 58.1780, 24.9460



137.9960, 32.1860, 0.3940



78.5060, 4.4470, 2.0070



45.8480, 83.7140, 35.7300



6.2080, 11.2780, 4.8620

Inverse Universe

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



123.4180, 37.4100, 15.8580



147.9370, 58.1780, 24.9460



134.0040, -32.1860, -0.3940



78.5060, 4.4470, 2.0070



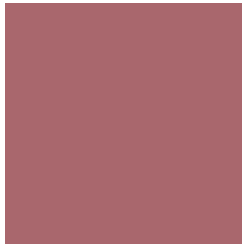
45.8480, 83.7140, 35.7300



6.2080, 11.2780, 4.8620

Previews

White Background



This preview shows how the YIQ color 123.4180, 37.4100, 15.8580 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 123.4180, 37.4100, 15.8580 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 123.4180, 37.4100, 15.8580

Background



This preview shows how black text looks on a background with the YIQ color 123.4180, 37.4100, 15.8580.



This preview shows how white text looks on a background with the YIQ color 123.4180, 37.4100,

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

123.4180, 37.4100, 15.8580

Protanopia

121.9680, 3.0260, 0.2260

Deuteranopia

122.4380, 16.3220, 1.5540



Tritanopia

123.5320, 37.0890, 16.1690

Trichromacy



Original Color

123.4180, 37.4100, 15.8580

Protanomaly

122.1870, 15.7710, 6.0350

Deuteranomaly

122.9060, 23.9320, 6.8120

Tritanomaly

123.5320, 37.0890, 16.1690

Monochromacy



Original Color

123.4180, 37.4100, 15.8580

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.4040, 13.6620, 5.7100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.4180, 37.4100, 15.8580 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(169, 103, 109)` looks like.

```
.text, #text, p{  
    color:rgb(169, 103, 109)  
}
```

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(169, 103, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 103, 109) }
```

Border

The CSS property to change the border of an element to YIQ 123.4180, 37.4100, 15.8580 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(169, 103, 109) }
```


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

```
.border{ border-color:rgb(169, 103, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 103, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 103, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 103, 109);  
box-shadow:4px 4px 4px 4px rgb(169, 103,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 123.4180, 37.4100, 15.8580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 103, 109) }
```

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

```
.background{ background-color: rgb(169,  
103, 109) }
```

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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