

Converting Colors

YIQ(122.9930, 37.4090, 21.3850)

Have a look what the booklet for
YIQ(122.9930, 37.4090, 21.3850)
contains.

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Color

**YIQ(122.9930, 37.4090,
21.3850)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6376
RGB	172, 99, 118
RGB Percent	67%, 39%, 46%
CMY	0.3253, 0.6119, 0.5371
CMYK	0.00, 0.42, 0.31, 0.33
HSL	344°, 31%, 53%
HSV	344°, 42%, 67%
XYZ	24.7546, 19.0027, 19.5133
YIQ	122.9930, 37.4090, 21.3850

Conversions

Conversions Part 2

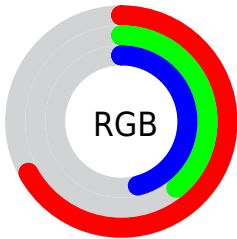
Format	Color
R_{YB}	172, 99, 118
Decimal	11297654
CIE _{Lab}	50.69, 31.85, 2.22
CIE _{LCh}	51, 31.927, 3.994
Yxy	19.0027, 0.3912, 0.3003
Android (android.graphics.Color)	4289487734 (0xFFAC6376)
YUV	122.9930, -2.4615, 42.9791
Hunter-Lab	43.5921, 25.0786, 3.9742

Details

The YIQ color **122.9930, 37.4090, 21.3850** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **148.0070, -37.4090, -21.3850**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.4880, 40.3890, 22.4450**, and **72.3130, 33.5120, 20.4240** is the 20% darker color. If you saturate the color by 10%, you get **111.5320, 46.2570, 26.2330**, and if you desaturate by 10%, it is **134.4540, 28.5610, 16.5370**.

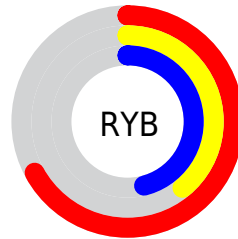
Distribution



Red (67%)

Green (39%)

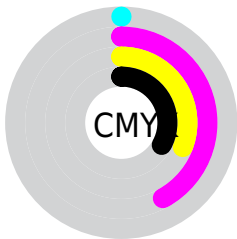
Blue (46%)



Red (67%)

Yellow (39%)

Blue (46%)

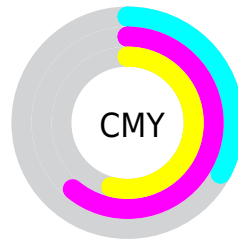


Cyan (0%)

Magenta (42%)

Yellow (31%)

Black (33%)



Cyan (33%)

Magenta (61%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.9930, 37.4090, 21.3850 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 122.9930, 37.4090, 21.3850 by changing the saturation by 10% instead.

■ 122.9930, 37.4090,
21.3850

■ 122.9930, 37.4090,
21.3850

255.0000, -0.0000,
-0.0000

■ 97.0960, 35.6210,
20.7490

■ 176.4880, 40.3890,
22.4450

■ 72.3130, 33.5120,
20.4240

■ 203.1890, 39.7930,
22.2330

■ 47.9430, 31.6780,
20.6220

■ 222.8170, 23.1050,
16.2970

■ 22.8120, 30.6690,
22.3890

■ 243.1460, 5.8210,
10.1490

■ 13.5690, 26.4990,
9.8510

■ 0.0000, 0.0000,
0.0000

122.9930, 37.4090,
21.3850

122.9930, 37.4090,
21.3850

111.5320, 46.2570,
26.2330

134.4540, 28.5610,
16.5370

100.1850, 54.7840,
31.3920

145.8010, 20.0340,
11.3780

88.1370, 63.9070,
36.7630

157.8490, 10.9110,
6.0070

76.6760, 72.7550,
41.6110

169.3100, 2.0630,
1.1590

65.2150, 81.6030,
46.4590

180.7710, -6.7850,
-3.6890


56.5580, 88.0670,
50.4590

192.1180,
-15.3120, -8.8480

203.5790,
-24.1600, -13.6960

215.6270,

-33.2830, -19.0670

 226.9740,
-41.8100, -24.2260

Harmonies

Analogous

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



124.2330, 19.2980, 24.7220



122.9930, 37.4090, 21.3850



121.4910, 44.3340, 11.5180

Triad

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



122.9930, 37.4090, 21.3850



115.2660, 4.2220, -21.4580



103.3500, -74.5030, -9.9190

Complementary

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



122.9930, 37.4090, 21.3850



148.0070, -37.4090, -21.3850

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.



95.7580, -85.0000, -23.4320



122.9930, 37.4090, 21.3850



110.5430, -24.4790, -24.4390

Square

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



122.9930, 37.4090, 21.3850



118.3290, 26.2740, -13.6140



101.1550, -61.4330, -26.5290



117.2780, -38.4690, 8.8510

Rectangle

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



122.9930, 37.4090, 21.3850



121.0250, 42.4100, 2.3300



101.1550, -61.4330, -26.5290



96.1800, -88.9440, -18.0320

Sweetspot

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



122.9930, 37.4090, 21.3850



204.5830, 14.7160, 8.6360



123.4680, 8.7510, 34.1510



99.9520, 9.1230, 5.3710



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



122.9930, 37.4090, 21.3850



147.5060, 58.3140, 33.4980



130.8060, 38.8330, 6.5850



80.9190, 4.7220, 2.5300



49.2960, 76.8810, 43.9290



7.5610, 11.7820, 6.7420

Inverse Universe

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



122.9930, 37.4090, 21.3850



147.5060, 58.3140, 33.4980



140.1940, -38.8330, -6.5850



80.9190, 4.7220, 2.5300



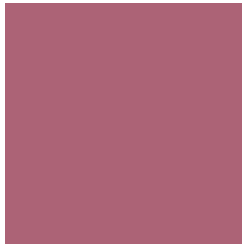
49.2960, 76.8810, 43.9290



7.5610, 11.7820, 6.7420

Previews

White Background



This preview shows how the YIQ color 122.9930, 37.4090, 21.3850 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 122.9930, 37.4090, 21.3850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

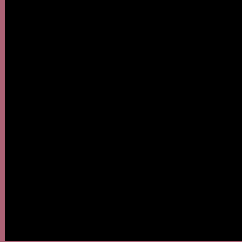
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.9930, 37.4090, 21.3850

Background



This preview shows how black text looks on a background with the YIQ color 122.9930, 37.4090, 21.3850.



This preview shows how white text looks on a background with the YIQ color 122.9930, 37.4090,

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

122.9930, 37.4090, 21.3850

Protanopia

121.5530, -2.9350, 3.6330

Deuteranopia

122.1540, 11.3700, 3.1940



Tritanopia

122.7280, 39.4730, 17.0170

Trichromacy



Original Color

122.9930, 37.4090, 21.3850

Protanomaly

121.9680, 12.1940, 10.2900

Deuteranomaly

122.0460, 20.7220, 9.9220

Tritanomaly

122.5970, 38.4640, 18.7840

Monochromacy



Original Color

122.9930, 37.4090, 21.3850

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.8710, 13.8450, 7.9010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.9930, 37.4090, 21.3850 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(172, 99, 118)` looks like.

```
.text, #text, p{  
    color:rgb(172, 99, 118)  
}
```

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(172, 99, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 99, 118) }
```

Border

The CSS property to change the border of an element to YIQ 122.9930, 37.4090, 21.3850 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(172, 99, 118) }
```


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

```
.border{ border-color:rgb(172, 99, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 99, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 99, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 99, 118);  
box-shadow:4px 4px 4px 4px rgb(172, 99,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 122.9930, 37.4090, 21.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 99, 118) }
```

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

```
.background{ background-color: rgb(172, 99,  
118) }
```

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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