

Converting Colors

YIQ(123.4170, 29.9830, 12.7910)

Have a look what the booklet for
YIQ(123.4170, 29.9830, 12.7910)
contains.

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Color

**YIQ(123.4170, 29.9830,
12.7910)**

Conversions

Conversions Part 1

Format	Color
Hex	A06B70
RGB	160, 107, 112
RGB Percent	63%, 42%, 44%
CMY	0.3724, 0.5805, 0.5607
CMYK	0.00, 0.33, 0.30, 0.37
HSL	354°, 22%, 52%
HSV	354°, 33%, 63%
XYZ	22.6854, 19.1582, 17.8401
YIQ	123.4170, 29.9830, 12.7910

Conversions

Conversions Part 2

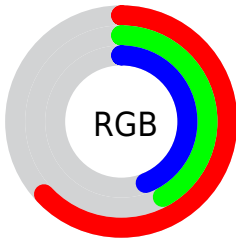
Format	Color
R_{YB}	160, 107, 112
Decimal	10513264
CIE _{Lab}	50.87, 21.91, 5.86
CIE _{LCh}	51, 22.679, 14.965
Yxy	19.1582, 0.3801, 0.3210
Android (android.graphics.Color)	4288703344 (0xFFA06B70)
YUV	123.4170, -5.6286, 32.0833
Hunter-Lab	43.7701, 15.9163, 6.4733

Details

The YIQ color **123.4170, 29.9830, 12.7910** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **143.5830, -29.9830, -12.7910**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.6130, 32.3670, 13.6390**, and **73.9220, 27.0030, 11.7310** is the 20% darker color. If you saturate the color by 10%, you get **112.4290, 38.8770, 16.8050**, and if you desaturate by 10%, it is **134.5190, 20.7680, 9.0880**.

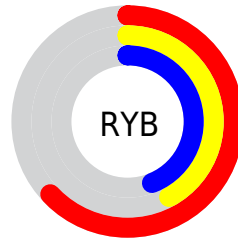
Distribution



Red (63%)

Green (42%)

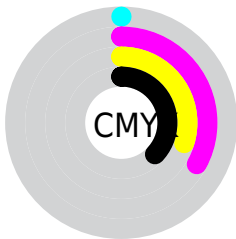
Blue (44%)



Red (63%)

Yellow (42%)

Blue (44%)

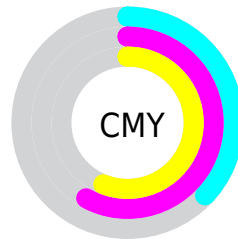


Cyan (0%)

Magenta (33%)

Yellow (30%)

Black (37%)



Cyan (37%)

Magenta (58%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.4170, 29.9830, 12.7910 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 123.4170, 29.9830, 12.7910 by changing the saturation by 10% instead.

■ 123.4170, 29.9830,
12.7910

■ 123.4170, 29.9830,
12.7910

■ 255.0000, -0.0000,
-0.0000

■ 97.9330, 28.4700,
12.6780

■ 176.6130, 32.3670,
13.6390

■ 73.9220, 27.0030,
11.7310

■ 204.2110, 33.5590,
14.0630

■ 50.1390, 24.8940,
11.4060

■ 226.8290, 22.8310,
10.2470

■ 27.7690, 23.0600,
11.6040

■ 246.4570, 6.1430,
4.3110

■ 11.1770, 21.7310,
8.1550

■ 0.0000, 0.0000,
0.0000

123.4170, 29.9830,
12.7910

123.4170, 29.9830,
12.7910

112.4290, 38.8770,
16.8050

134.5190, 20.7680,
9.0880

101.3270, 48.0920,
20.5080

145.5070, 11.8740,
5.0740

90.3390, 56.9860,
24.5220

156.4950, 2.9800,
1.0600

79.2370, 66.2010,
28.2250

167.5970, -6.2350,
-2.6430

68.2490, 75.0950,
32.2390

178.5850,
-15.1290, -6.6570

57.1470, 84.3100,
35.9420


189.6870,
-24.3440, -10.3600

49.5500, 90.5450,
38.5850

200.6750,
-33.2380, -14.3740

211.7770,

-42.4530, -18.0770

 222.7650,
-51.3470, -22.0910

Harmonies

Analogous

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



124.1910, 19.1160, 17.0040



123.4170, 29.9830, 12.7910



122.0440, 32.2310, 5.0870

Triad

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



123.4170, 29.9830, 12.7910



116.5350, -3.6650, -16.1850



116.4920, -36.4960, 0.6240

Complementary

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



123.4170, 29.9830, 12.7910



143.5830, -29.9830, -12.7910

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.



111.7200, -46.3060, -8.8180



123.4170, 29.9830, 12.7910



113.6560, -23.0590, -17.1310

Square

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



123.4170, 29.9830, 12.7910



119.1520, 13.7110, -11.7050



111.1410, -40.4820, -15.2500



121.3420, -18.1580, 9.6980

Rectangle

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



123.4170, 29.9830, 12.7910



121.3870, 29.5270, -0.9770



111.1410, -40.4820, -15.2500



115.0460, -41.1720, -2.7400

Sweetspot

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



123.4170, 29.9830, 12.7910



194.5070, 11.8740, 5.0740



127.3940, 11.5950, 26.6590



96.0010, 7.4270, 3.0670



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



123.4170, 29.9830, 12.7910



151.0280, 47.4960, 20.2960



135.1740, 25.8130, 0.2530



73.5060, 4.4470, 2.0070



44.3530, 80.7340, 34.6700



4.5990, 8.6190, 3.4910

Inverse Universe

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



123.4170, 29.9830, 12.7910



151.0280, 47.4960, 20.2960



131.8260, -25.8130, -0.2530



73.5060, 4.4470, 2.0070



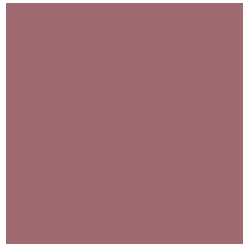
44.3530, 80.7340, 34.6700



4.5990, 8.6190, 3.4910

Previews

White Background



This preview shows how the YIQ color 123.4170, 29.9830, 12.7910 looks on a white background.

Color Contrast Check

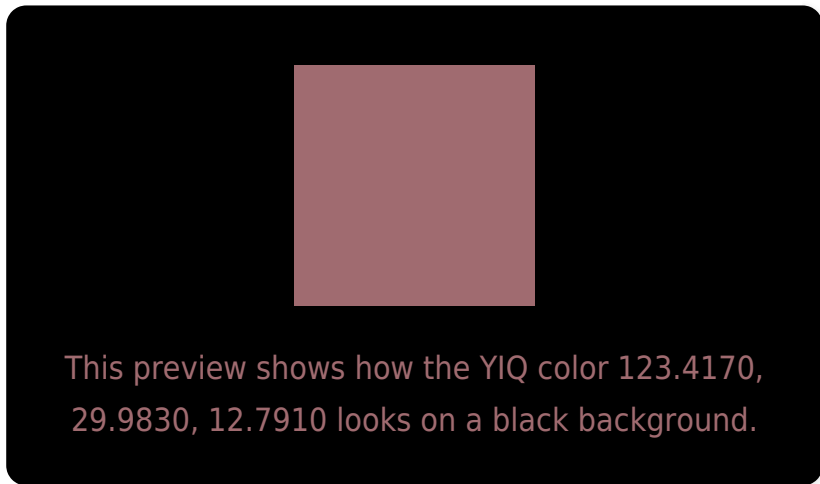
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

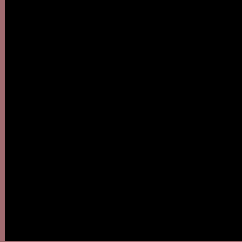
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.4170, 29.9830, 12.7910

Background



This preview shows how black text looks on a background with the YIQ color 123.4170, 29.9830, 12.7910.



This preview shows how white text looks on a background with the YIQ color 123.4170, 29.9830,

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

123.4170, 29.9830, 12.7910

Protanopia

121.7830, 2.1090, 0.3250

Deuteranopia

122.1820, 14.1670, 2.0630



Tritanopia

123.7590, 29.0200, 13.7240

Trichromacy



Original Color

123.4170, 29.9830, 12.7910

Protanomaly

122.3930, 12.1950, 4.7630

Deuteranomaly

122.3400, 19.7140, 6.1620

Tritanomaly

123.6450, 29.3410, 13.4130

Monochromacy



Original Color

123.4170, 29.9830, 12.7910

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.9090, 10.6820, 4.6500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.4170, 29.9830, 12.7910 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(160, 107, 112)` looks like.

```
.text, #text, p{  
    color:rgb(160, 107, 112)  
}
```

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(160, 107, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 107, 112) }
```

Border

The CSS property to change the border of an element to YIQ 123.4170, 29.9830, 12.7910 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(160, 107, 112) }
```


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

```
.border{ border-color:rgb(160, 107, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 107, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 107, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 107, 112);  
box-shadow:4px 4px 4px 4px rgb(160, 107,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 123.4170, 29.9830, 12.7910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 107, 112) }
```

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

```
.background{ background-color: rgb(160,  
107, 112) }
```

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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