

Converting Colors

YIQ(123.0070, 42.8210, 11.4050)

Have a look what the booklet for
YIQ(123.0070, 42.8210, 11.4050)
contains.

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Color

**YIQ(123.0070, 42.8210,
11.4050)**

Conversions

Conversions Part 1

Format	Color
Hex	AB685F
RGB	171, 104, 95
RGB Percent	67%, 41%, 37%
CMY	0.3293, 0.5922, 0.6273
CMYK	0.00, 0.39, 0.44, 0.33
HSL	7°, 31%, 52%
HSV	7°, 44%, 67%
XYZ	23.8182, 19.3843, 13.3234
YIQ	123.0070, 42.8210, 11.4050

Conversions

Conversions Part 2

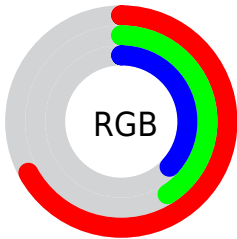
Format	Color
R_{YB}	171, 105, 95
Decimal	11233375
CIE Lab	51.13, 25.86, 16.46
CIE LCh	51, 30.651, 32.471
Yxy	19.3843, 0.4214, 0.3429
Android (android.graphics.Color)	4289423455 (0xFFAB685F)
YUV	123.0070, -13.8075, 42.0899
Hunter-Lab	44.0276, 19.5172, 12.8773

Details

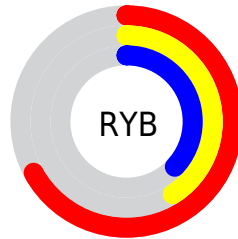
The YIQ color **123.0070, 42.8210, 11.4050** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **142.9930, -42.8210, -11.4050**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.5730, 47.0390, 12.0550**, and **73.1420, 38.0070, 10.5430** is the 20% darker color. If you saturate the color by 10%, you get **112.2640, 52.4030, 13.9630**, and if you desaturate by 10%, it is **133.7500, 33.2390, 8.8470**.

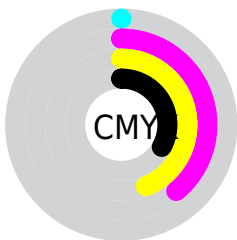
Distribution



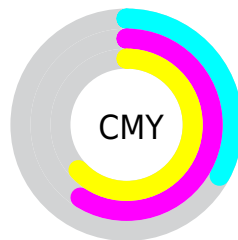
- Red (67%)
- Green (41%)
- Blue (37%)



- Red (67%)
- Yellow (41%)
- Blue (37%)



- Cyan (0%)
- Magenta (39%)
- Yellow (44%)
- Black (33%)



- Cyan (33%)
- Magenta (59%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.0070, 42.8210, 11.4050 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 123.0070, 42.8210, 11.4050 by changing the saturation by 10% instead.

■ 123.0070, 42.8210,
11.4050

■ 123.0070, 42.8210,
11.4050

■ 255.0000, -0.0000,
-0.0000

■ 97.2240, 40.7120,
11.0800

■ 176.6870, 46.7180,
12.3660

■ 73.1420, 38.0070,
10.5430

■ 203.2740, 46.4430,
11.8430

■ 48.5870, 35.2560,
10.8400

■ 222.7880, 30.0760,
5.5960

■ 24.6470, 35.0270,
9.4830

■ 242.4160, 13.3880,
-0.3400

■ 12.3730, 24.1150,
9.0030

■ 0.0000, 0.0000,
0.0000

■ 123.0070, 42.8210,
11.4050

■ 123.0070, 42.8210,
11.4050

■ 112.2640, 52.4030,
13.9630

■ 133.7500, 33.2390,
8.8470

■ 101.5210, 61.9850,
16.5210

■ 144.4930, 23.6570,
6.2890

■ 90.7780, 71.5670,
19.0790

■ 155.2360, 14.0750,
3.7310

■ 80.0350, 81.1490,
21.6370

■ 165.9790, 4.4930,
1.1730

■ 69.2920, 90.7310,
24.1950

■ 176.8360, -5.4100,
-1.0740


■ 62.8690, 96.4160,
25.7920

■ 188.1660,
-15.2670, -4.1550

■ 198.9090,
-24.8490, -6.7130

■ 209.6520,

-34.4310, -9.2710

 220.3950,
-44.0130, -11.8290

Harmonies

Analogous

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



124.2100, 35.3000, 21.0600



123.0070, 42.8210, 11.4050



121.6500, 38.9720, -1.4440

Triad

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



123.0070, 42.8210, 11.4050



112.7390, -22.0950, -23.5910



118.6370, -38.1020, 7.7060

Complementary

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



123.0070, 42.8210, 11.4050



142.9930, -42.8210, -11.4050

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.



106.8130, -68.4970, -8.6330



123.0070, 42.8210, 11.4050



105.5150, -53.6390, -24.6070

Square

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



123.0070, 42.8210, 11.4050



117.0920, 4.7720, -20.4120



96.2310, -84.9540, -24.2660



124.1140, -8.3480, 19.1400

Rectangle

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



123.0070, 42.8210, 11.4050



120.6010, 31.5000, -9.2040



96.2310, -84.9540, -24.2660



114.9130, -47.8670, 2.9570

Sweetspot

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



123.0070, 42.8210, 11.4050



203.4320, 16.4590, 4.5790



125.3620, 23.7890, 36.9490



100.5560, 10.1780, 2.7700



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.



123.0070, 42.8210, 11.4050



147.5000, 66.4780, 17.6940



145.3130, 32.3710, -8.4690



81.2780, 5.0890, 1.3850



55.4160, 84.4500, 22.3860



8.6380, 12.8830, 3.3070

Inverse Universe

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



142.9930, -42.8210, -11.4050



178.5000, -66.4780, -17.6940



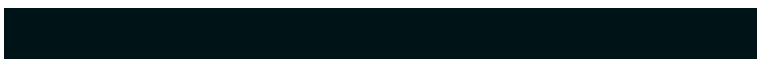
120.6870, -32.3710, 8.4690



83.7220, -5.0890, -1.3850



95.1710, -84.7250, -22.9090



14.3620, -12.8830, -3.3070

Previews

White Background



This preview shows how the YIQ color 123.0070, 42.8210, 11.4050 looks on a white background.

Color Contrast Check

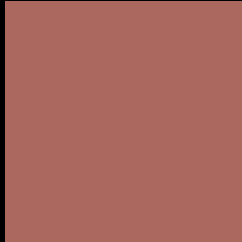
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.0070, 42.8210, 11.4050 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 123.0070, 42.8210, 11.4050

Background



This preview shows how black text looks on a background with the YIQ color 123.0070, 42.8210, 11.4050.



This preview shows how white text looks on a background with the YIQ color 123.0070, 42.8210,

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

123.0070, 42.8210, 11.4050

Protanopia

122.0410, 9.9500, -4.1140

Deuteranopia

122.3370, 23.7960, -1.7400



Tritanopia

123.7280, 39.4730, 17.0170

Trichromacy



Original Color

123.0070, 42.8210, 11.4050

Protanomaly

122.0750, 21.7780, 1.7940

Deuteranomaly

122.5060, 30.8100, 3.3060

Tritanomaly

123.7450, 40.8030, 14.9390

Monochromacy



Original Color

123.0070, 42.8210, 11.4050

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.8340, 15.2670, 4.1550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.0070, 42.8210, 11.4050 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(171, 104, 95)` looks like.

```
.text, #text, p{  
    color:rgb(171, 104, 95)  
}
```

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(171, 104, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 104, 95) }
```

Border

The CSS property to change the border of an element to YIQ 123.0070, 42.8210, 11.4050 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(171, 104, 95) }
```


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

```
.border{ border-color:rgb(171, 104, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 104, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 104, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 104, 95);  
box-shadow:4px 4px 4px 4px rgb(171, 104,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 123.0070, 42.8210, 11.4050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 104, 95) }
```

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

```
.background{ background-color: rgb(171,  
104, 95) }
```

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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