

Converting Colors

YIQ(123.0970, 7.5170, 12.4530)

Have a look what the booklet for
YIQ(123.0970, 7.5170, 12.4530)
contains.

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Color

**YIQ(123.0970, 7.5170,
12.4530)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7188
RGB	138, 113, 136
RGB Percent	54%, 44%, 53%
CMY	0.4587, 0.5569, 0.4667
CMYK	0.00, 0.18, 0.01, 0.46
HSL	305°, 10%, 49%
HSV	305°, 18%, 54%
XYZ	20.8325, 18.9905, 25.8612
YIQ	123.0970, 7.5170, 12.4530

Conversions

Conversions Part 2

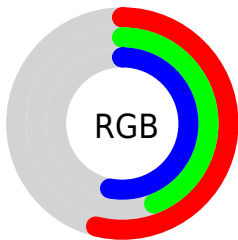
Format	Color
R_{YB}	138, 113, 136
Decimal	9073032
CIE _{Lab}	50.68, 14.07, -8.90
CIE _{LCh}	51, 16.647, 327.682
Yxy	18.9905, 0.3172, 0.2891
Android (android.graphics.Color)	4287263112 (0xFF8A7188)
YUV	123.0970, 6.3612, 13.0699
Hunter-Lab	43.5780, 9.0702, -4.6808

Details

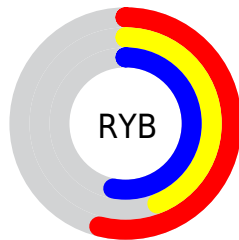
The YIQ color **123.0970, 7.5170, 12.4530** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **127.9030, -7.5170, -12.4530**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.8090, 8.3880, 13.1880**, and **74.2710, 6.9670, 11.4070** is the 20% darker color. If you saturate the color by 10%, you get **114.7650, 11.6880, 19.4640**, and if you desaturate by 10%, it is **131.4290, 3.3460, 5.4420**.

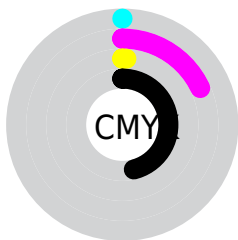
Distribution



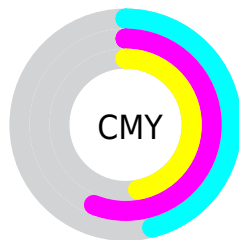
- Red (54%)
- Green (44%)
- Blue (53%)



- Red (54%)
- Yellow (44%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (46%)



- Cyan (46%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.0970, 7.5170, 12.4530 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 123.0970, 7.5170, 12.4530 by changing the saturation by 10% instead.

■ 123.0970, 7.5170,
12.4530

■ 123.0970, 7.5170,
12.4530

■ 255.0000, -0.0000,
-0.0000

■ 97.7980, 6.9210,
12.2410

■ 175.8090, 8.3880,
13.1880

■ 74.2710, 6.9670,
11.4070

■ 203.2220, 8.6630,
13.7110

■ 51.5590, 6.0960,
10.6720

■ 231.3360, 8.3420,
14.0220

■ 30.1460, 5.8210,
10.1490

■ 251.4780, 1.6500,
3.1380

■ 9.2710, 6.9670,
11.4070

■ 0.0000, 0.0000,
0.0000

123.0970, 7.5170,
12.4530

123.0970, 7.5170,
12.4530

114.7650, 11.6880,
19.4640

131.4290, 3.3460,
5.4420

106.4330, 15.8590,
26.4750

139.7610, -0.8250,
-1.5690

98.6880, 19.7550,
32.9630

147.5060, -4.7210,
-8.0570

90.3560, 23.9260,
39.9740

155.8380, -8.8920,
-15.0680

81.9100, 28.4180,
46.6740

164.2840,
-13.3840, -21.7680

73.5780, 32.5890,
53.6850

172.6160,
-17.5550, -28.7790

65.2460, 36.7600,
60.6960

180.9480,
-21.7260, -35.7900

57.5010, 40.6560,

188.6930,

67.1840

-25.6220, -42.2780

■ 55.7400, 41.4810,
68.7530

■ 197.0250,
-29.7930, -49.2890

Harmonies

Analogous

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



121.8010, -6.3290, 10.0790



123.0970, 7.5170, 12.4530



123.3170, 18.5210, 11.2650

Triad

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



123.0970, 7.5170, 12.4530



119.8090, 16.4150, -5.6410



114.5170, -29.6170, -8.4090

Complementary

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



123.0970, 7.5170, 12.4530



127.9030, -7.5170, -12.4530

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.



115.3020, -21.8220, -12.0140



123.0970, 7.5170, 12.4530



118.6010, 5.1370, -10.5030

Square

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



123.0970, 7.5170, 12.4530



121.6190, 23.0620, 0.5500



116.7180, -8.4340, -12.3540



116.3910, -29.0220, -2.6700

Rectangle

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



123.0970, 7.5170, 12.4530



122.8890, 22.6020, 8.8900



116.7180, -8.4340, -12.3540



114.9470, -28.0120, -9.9640

Sweetspot

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



123.0970, 7.5170, 12.4530



173.6030, 2.7960, 4.3960



116.4480, -6.8330, 8.1990



86.0650, 1.3750, 2.6150



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



123.0970, 7.5170, 12.4530



155.0640, 12.2840, 19.6760



121.7290, 11.3690, 8.7210



64.7770, 2.2460, 3.3500



53.6750, 40.1060, 66.1380



2.0650, 1.3750, 2.6150

Inverse Universe

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



123.0970, 7.5170, 12.4530



155.0640, 12.2840, 19.6760



129.2710, -11.3690, -8.7210



64.7770, 2.2460, 3.3500



53.6750, 40.1060, 66.1380



2.0650, 1.3750, 2.6150

Previews

White Background



This preview shows how the YIQ color 123.0970, 7.5170, 12.4530 looks on a white background.

Color Contrast Check

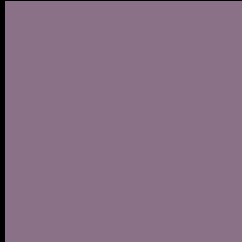
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.0970, 7.5170, 12.4530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

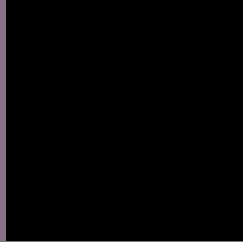
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.0970, 7.5170, 12.4530

Background



This preview shows how black text looks on a background with the YIQ color 123.0970, 7.5170, 12.4530.



This preview shows how white text looks on a background with the YIQ color 123.0970, 7.5170,

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

123.0970, 7.5170, 12.4530

Protanopia

121.3830, -8.2080, 5.5840

Deuteranopia

122.3300, -0.6890, 6.9830



Tritanopia

122.3050, 9.6270, 7.2510

Trichromacy



Original Color

123.0970, 7.5170, 12.4530

Protanomaly

121.9000, -2.2940, 8.5380

Deuteranomaly

122.3520, 2.2450, 8.8770

Tritanomaly

122.4730, 9.2140, 9.2300

Monochromacy



Original Color

123.0970, 7.5170, 12.4530

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

122.7170, 2.4750, 4.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.0970, 7.5170, 12.4530 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(138, 113, 136)` looks like.

```
.text, #text, p{  
    color:rgb(138, 113, 136)  
}
```

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(138, 113, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 113, 136) }
```

Border

The CSS property to change the border of an element to YIQ 123.0970, 7.5170, 12.4530 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(138, 113, 136) }
```


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

```
.border{ border-color:rgb(138, 113, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 113, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 113, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 113, 136);  
box-shadow:4px 4px 4px 4px rgb(138, 113,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 123.0970, 7.5170, 12.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 113, 136) }
```

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

```
.background{ background-color: rgb(138,  
113, 136) }
```

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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