

Converting Colors

YIQ(127.9870, 2.0150, 13.0470)

Have a look what the booklet for
YIQ(127.9870, 2.0150, 13.0470)
contains.

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Color

**YIQ(127.9870, 2.0150,
13.0470)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7794
RGB	138, 119, 148
RGB Percent	54%, 47%, 58%
CMY	0.4588, 0.5334, 0.4196
CMYK	0.07, 0.20, 0.00, 0.42
HSL	279°, 12%, 52%
HSV	279°, 20%, 58%
XYZ	22.4248, 20.7344, 30.8357
YIQ	127.9870, 2.0150, 13.0470

Conversions

Conversions Part 2

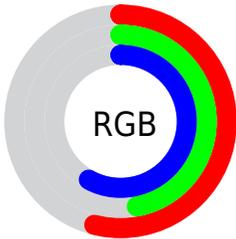
Format	Color
R _Y B	138, 119, 148
Decimal	9074580
CIE Lab	52.66, 13.02, -12.96
CIE LCh	53, 18.374, 315.124
Yxy	20.7344, 0.3031, 0.2802
Android (android.graphics.Color)	4287264660 (0xFF8A7794)
YUV	127.9870, 9.8664, 8.7814
Hunter-Lab	45.5351, 8.2201, -8.2758

Details

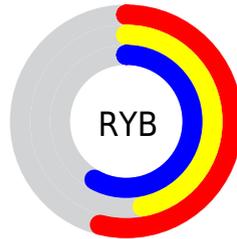
The YIQ color $127.9870, 2.0150, 13.0470$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $139.0130, -2.0150, -13.0470$, and the grayscale version is $128.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $180.8130, 2.5650, 14.0930$, and $79.0470, 1.7860, 11.6900$ is the 20% darker color. If you saturate the color by 10%, you get $117.6870, 3.1600, 19.8320$, and if you desaturate by 10%, it is $138.2870, 0.8700, 6.2620$.

Distribution



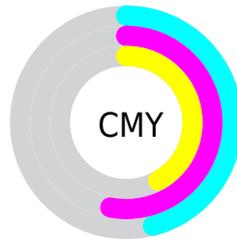
- Red (54%)
- Green (47%)
- Blue (58%)



- Red (54%)
- Yellow (47%)
- Blue (58%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (42%)



- Cyan (46%)
- Magenta (53%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.9870, 2.0150, 13.0470 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 127.9870, 2.0150, 13.0470 by changing the saturation by 10% instead.

■ 127.9870, 2.0150,
13.0470

■ 127.9870, 2.0150,
13.0470

■ 255.0000, -0.0000,
-0.0000

■ 102.5740, 1.7400,
12.5240

■ 180.8130, 2.5650,
14.0930

■ 79.0470, 1.7860,
11.6900

■ 208.8130, 2.5650,
14.0930

■ 55.6340, 1.5110,
11.1670

■ 236.4710, 3.5280,
13.1600

■ 34.2210, 1.2360,
10.6440

■ 10.8840, 3.8030,
13.6830

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,

0.0000

■ 127.9870, 2.0150,
13.0470

■ 127.9870, 2.0150,
13.0470

■ 117.6870, 3.1600,
19.8320

■ 138.2870, 0.8700,
6.2620

■ 107.3870, 4.3050,
26.6170

■ 148.5870, -0.2750,
-0.5230

■ 97.6740, 5.1750,
32.8790

■ 158.3000, -1.1450,
-6.7850

■ 87.3740, 6.3200,
39.6640

■ 168.6000, -2.2900,
-13.5700

■ 77.0740, 7.4650,
46.4490

■ 178.9000, -3.4350,
-20.3550

■ 66.4750, 8.0140,
53.0220

■ 189.4990, -3.9840,
-26.9280

■ 56.1750, 9.1590,
59.8070

■ 199.7990, -5.1290,
-33.7130

■ 46.4620, 10.0290,
66.0690

■ 209.5120, -5.9990,
-39.9750

■ 45.8750, 10.3040,
66.5920

■ 219.8120, -7.1440,
-46.7600

Harmonies

Analogous

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



125.8540, -13.8480, 8.6800



127.9870, 2.0150, 13.0470



128.2290, 15.9530, 13.7530

Triad

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



127.9870, 2.0150, 13.0470



125.9130, 22.0540, -3.2100



118.9250, -30.9460, -11.8580

Complementary

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



127.9870, 2.0150, 13.0470



139.0130, -2.0150, -13.0470

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.



120.1020, -18.3830, -13.7670



127.9870, 2.0150, 13.0470



123.9500, 11.4640, -9.5280

Square

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



127.9870, 2.0150, 13.0470



126.8800, 26.8210, 4.0130



121.8280, -2.9320, -12.9480



119.6460, -34.2940, -6.2460

Rectangle

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



127.9870, 2.0150, 13.0470



127.8830, 22.7390, 11.9150



121.8280, -2.9320, -12.9480



119.2520, -27.5530, -12.7770

Sweetspot

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



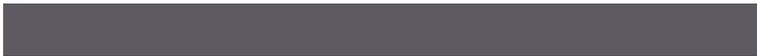
127.9870, 2.0150, 13.0470



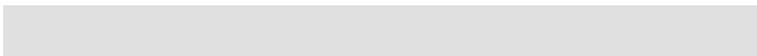
183.3470, 0.6410, 4.9050



128.1760, -12.0590, 3.7890



92.2930, 0.7330, 3.2370



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



127.9870, 2.0150, 13.0470



159.2140, 3.1140, 20.6660



130.5210, 9.2590, 13.9230



68.9940, 0.1370, 3.0250



42.6420, 9.3420, 61.9980



3.2330, 0.9620, 4.5940

Inverse Universe

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



128.8110, 14.0740, 9.2580



160.5780, 22.2800, 14.7280



136.4790, -9.2590, -13.9230



69.3210, 3.5300, 2.1060



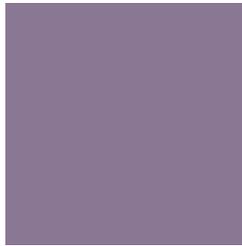
46.6200, 67.1610, 43.8730



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 127.9870, 2.0150, 13.0470 looks on a white background.

Color Contrast Check

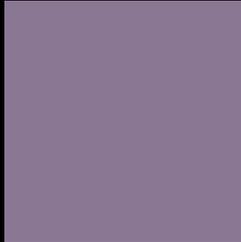
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.9870, 2.0150, 13.0470 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

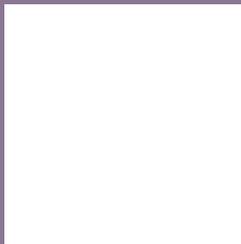
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 127.9870, 2.0150, 13.0470

Background



This preview shows how black text looks on a background with the YIQ color 127.9870, 2.0150, 13.0470.



This preview shows how white text looks on a background with the YIQ color 127.9870, 2.0150,

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

127.9870, 2.0150, 13.0470

Protanopia

126.5830, -11.6470, 7.3370

Deuteranopia

127.2310, -4.7240, 8.5240



Tritanopia

126.9130, 4.8590, 5.5550

Trichromacy



Original Color

127.9870, 2.0150, 13.0470

Protanomaly

127.3880, -6.6040, 9.5560

Deuteranomaly

127.8400, -2.0650, 9.8950

Tritanomaly

127.3090, 3.8040, 8.1560

Monochromacy



Original Color

127.9870, 2.0150, 13.0470

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.2330, 0.9620, 4.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.9870, 2.0150, 13.0470 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, 119, 148)` looks like.

```
.text, #text, p{  
    color:rgb(138, 119, 148)  
}
```

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, 119, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 119, 148) }
```

Border

The CSS property to change the border of an element to YIQ 127.9870, 2.0150, 13.0470 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, 119, 148) }
```


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

```
.border{ border-color:rgb(138, 119, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 119, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 119, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 119, 148);  
box-shadow:4px 4px 4px 4px rgb(138, 119,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 127.9870, 2.0150, 13.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 119, 148) }
```

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

```
.background{ background-color: rgb(138,  
119, 148) }
```

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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