

Converting Colors

YIQ(130.0880, 2.5680, -2.4880)

Have a look what the booklet for
YIQ(130.0880, 2.5680, -2.4880)
contains.

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Color

**YIQ(130.0880, 2.5680,
-2.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	83837B
RGB	131, 131, 123
RGB Percent	51%, 51%, 48%
CMY	0.4863, 0.4863, 0.5176
CMYK	0.00, 0.00, 0.06, 0.49
HSL	60°, 3%, 50%
HSV	60°, 6%, 51%
XYZ	21.0516, 22.4880, 21.9713
YIQ	130.0880, 2.5680, -2.4880

Conversions

Conversions Part 2

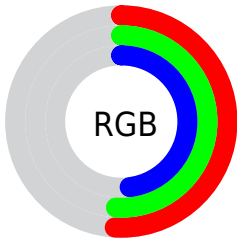
Format	Color
R_{YB}	123, 131, 123
Decimal	8618875
CIE Lab	54.54, -1.54, 4.31
CIE LCh	55, 4.580, 109.612
Yxy	22.4880, 0.3213, 0.3433
Android (android.graphics.Color)	4286808955 (0xFF83837B)
YUV	130.0880, -3.4944, 0.7998
Hunter-Lab	47.4215, -3.7469, 5.7248

Details

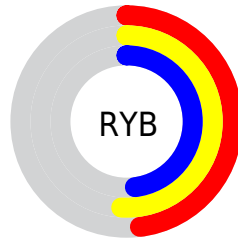
The YIQ color $130.0880, 2.5680, -2.4880$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $123.9120, -2.5680, 2.4880$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $182.9740, 2.8890, -2.7990$, and $81.0880, 2.5680, -2.4880$ is the 20% darker color. If you saturate the color by 10%, you get $128.6060, 6.7410, -6.5310$, and if you desaturate by 10%, it is $131.5700, -1.6050, 1.5550$.

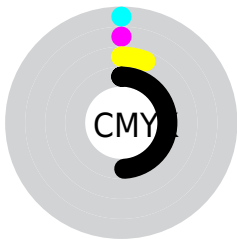
Distribution



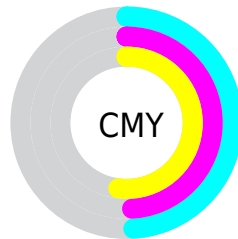
- Red (51%)
- Green (51%)
- Blue (48%)



- Red (48%)
- Yellow (51%)
- Blue (48%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (49%)



- Cyan (49%)
- Magenta (49%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.0880, 2.5680, -2.4880 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 130.0880, 2.5680, -2.4880 by changing the saturation by 10% instead.

■ 130.0880, 2.5680,
-2.4880

■ 130.0880, 2.5680,
-2.4880

255.0000, -0.0000,
-0.0000

■ 105.0880, 2.5680,
-2.4880

■ 182.9740, 2.8890,
-2.7990

■ 81.0880, 2.5680,
-2.4880

■ 210.9740, 2.8890,
-2.7990

■ 58.2020, 2.2470,
-2.1770

■ 238.9740, 2.8890,
-2.7990

■ 36.3160, 1.9260,
-1.8660

■ 14.8600, 3.2100,
-3.1100

■ 0.0000, 0.0000,
0.0000

■ 130.0880, 2.5680,
-2.4880

■ 130.0880, 2.5680,
-2.4880

■ 128.6060, 6.7410,
-6.5310

■ 131.5700, -1.6050,
1.5550

■ 127.1240, 10.9140,
-10.5740

■ 133.0520, -5.7780,
5.5980

■ 125.6420, 15.0870,
-14.6170

■ 134.5340, -9.9510,
9.6410

■ 124.1600, 19.2600,
-18.6600

■ 136.0160,
-14.1240, 13.6840

■ 122.6780, 23.4330,
-22.7030

■ 137.6120,
-18.6180, 18.0380

■ 121.0820, 27.9270,
-27.0570

■ 139.0940,
-22.7910, 22.0810

■ 119.6000, 32.1000,
-31.1000

■ 140.5760,
-26.9640, 26.1240

■ 118.1180, 36.2730,

■ 142.0580,

-35.1430

-31.1370, 30.1670

■ 116.6360, 40.4460,
-39.1860

■ 143.5400,
-35.3100, 34.2100

Harmonies

Analogous

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



130.6970, 5.2270, -1.1170



130.0880, 2.5680, -2.4880



129.4080, -1.3290, -3.4490

Triad

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



130.0880, 2.5680, -2.4880



129.4660, -7.2440, -0.8760



131.4460, 4.6760, 3.3640

Complementary

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



130.0880, 2.5680, -2.4880



123.9120, -2.5680, 2.4880

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.



131.2930, 0.7330, 3.2370



130.0880, 2.5680, -2.4880



130.0040, -5.8230, 0.9050

Square

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



130.0880, 2.5680, -2.4880



129.4120, -7.1520, -2.5440



130.9120, -2.5680, 2.4880



131.2890, 6.5560, 2.3320

Rectangle

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



130.0880, 2.5680, -2.4880



129.7390, -3.7590, -3.4630



130.9120, -2.5680, 2.4880



131.2610, 3.7590, 3.4630

Sweetspot

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



130.0880, 2.5680, -2.4880



170.5440, 1.2840, -1.2440



125.3920, 4.7680, 1.6960



86.7720, 0.6420, -0.6220



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



130.0880, 2.5680, -2.4880



169.6320, 3.8520, -3.7320



128.8920, 0.1840, -3.3360



65.4300, 1.6050, -1.5550



115.1800, 41.7300, -40.4300



2.6580, 0.9630, -0.9330

Inverse Universe

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



123.9120, -2.5680, 2.4880



160.3680, -3.8520, 3.7320



125.1080, -0.1840, 3.3360



61.5700, -1.6050, 1.5550



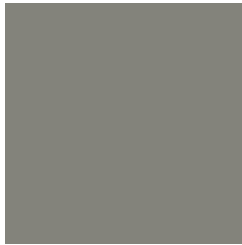
14.8200, -41.7300, 40.4300



0.3420, -0.9630, 0.9330

Previews

White Background



This preview shows how the YIQ color 130.0880, 2.5680, -2.4880 looks on a white background.

Color Contrast Check

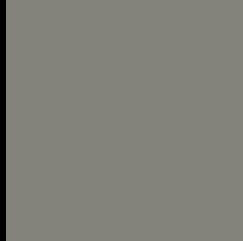
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.0880, 2.5680, -2.4880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

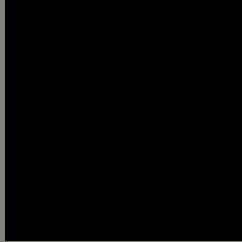
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

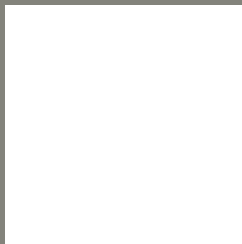
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 130.0880, 2.5680, -2.4880

Background



This preview shows how black text looks on a background with the YIQ color 130.0880, 2.5680, -2.4880.



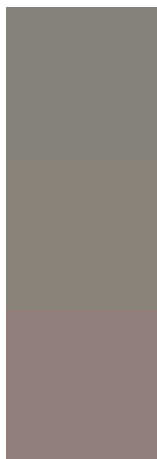
This preview shows how white text looks on a background with the YIQ color 130.0880, 2.5680,

-2.4880.

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

130.0880, 2.5680, -2.4880

Protanopia

130.5830, 5.5480, -1.4280

Deuteranopia

131.4530, 11.9660, 3.4060



Tritanopia

131.3360, -0.8260, 3.9580

Trichromacy



Original Color

130.0880, 2.5680, -2.4880

Protanomaly

130.2840, 4.9520, -1.6400

Deuteranomaly

131.1320, 8.4360, 1.3000

Tritanomaly

130.9400, 0.2290, 1.3570

Monochromacy



Original Color

130.0880, 2.5680, -2.4880

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.6580, 0.9630, -0.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.0880, 2.5680, -2.4880 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(131, 131, 123)` looks like.

```
.text, #text, p{  
    color:rgb(131, 131, 123)  
}
```

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(131, 131, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 131, 123) }
```

Border

The CSS property to change the border of an element to YIQ 130.0880, 2.5680, -2.4880 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(131, 131, 123) }
```


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

```
.border{ border-color:rgb(131, 131, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 131, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 131, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 131, 123);  
box-shadow:4px 4px 4px 4px rgb(131, 131,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 130.0880, 2.5680, -2.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 131, 123) }
```

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

```
.background{ background-color: rgb(131,  
131, 123) }
```

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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