

Converting Colors

YIQ(130.9990, 18.9360, -1.7680)

Have a look what the booklet for
YIQ(130.9990, 18.9360, -1.7680)
contains.

YIQ(130.9990, 18.9360, -1.7680)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(130.9990, 18.9360,
-1.7680)**

Conversions

Conversions Part 1

Format	Color
Hex	947F6B
RGB	148, 127, 107
RGB Percent	58%, 50%, 42%
CMY	0.4196, 0.5020, 0.5803
CMYK	0.00, 0.14, 0.28, 0.42
HSL	29°, 16%, 50%
HSV	29°, 28%, 58%
XYZ	22.4578, 22.5353, 17.0824
YIQ	130.9990, 18.9360, -1.7680

Conversions

Conversions Part 2

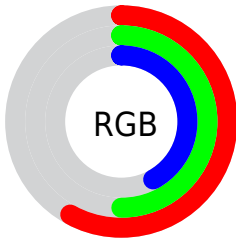
Format	Color
R_{YB}	148, 146, 107
Decimal	9731947
CIE _{Lab}	54.59, 4.84, 13.84
CIE _{LCh}	55, 14.662, 70.721
Yxy	22.5353, 0.3618, 0.3630
Android (android.graphics.Color)	4287922027 (0xFF947F6B)
YUV	130.9990, -11.8315, 14.9099
Hunter-Lab	47.4713, 1.3701, 11.8946

Details

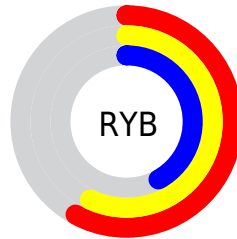
The YIQ color **130.9990, 18.9360, -1.7680** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **124.0010, -18.9360, 1.7680**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.3690, 20.7700, -1.9660**, and **81.6290, 17.1020, -1.5700** is the 20% darker color. If you saturate the color by 10%, you get **124.5930, 25.9510, -2.2490**, and if you desaturate by 10%, it is **137.4050, 11.9210, -1.2870**.

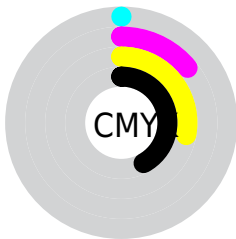
Distribution



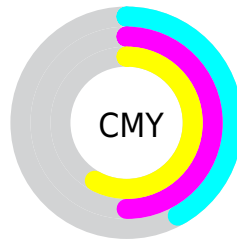
- Red (58%)
- Green (50%)
- Blue (42%)



- Red (58%)
- Yellow (57%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (28%)
- Black (42%)





- Cyan (42%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.9990, 18.9360, -1.7680 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 130.9990, 18.9360, -1.7680 by changing the saturation by 10% instead.


 130.9990, 18.9360,
-1.7680


 130.9990, 18.9360,
-1.7680


255.0000, -0.0000,
-0.0000


 105.8140, 18.0190,
-1.6690


 184.3690, 20.7700,
-1.9660


 81.6290, 17.1020,
-1.5700


 211.6680, 21.3660,
-1.7540


 58.1450, 15.5890,
-1.6830

 238.4720, 18.9820,
-2.6020

 36.5470, 14.3970,
-2.1070

 253.4040, 4.4940,
-4.3540

 15.4160, 13.3880,
-0.3400

 0.0000, 0.0000,
0.0000

■ 130.9990, 18.9360,
-1.7680

■ 130.9990, 18.9360,
-1.7680

■ 124.5930, 25.9510,
-2.2490

■ 137.4050, 11.9210,
-1.2870

■ 118.7740, 32.6910,
-3.2530

■ 143.2240, 5.1810,
-0.2830

■ 112.4820, 39.3850,
-3.4230

■ 149.5160, -1.5130,
-0.1130

■ 106.6630, 46.1250,
-4.4270

■ 155.3350, -8.2530,
0.8910

■ 100.2570, 53.1400,
-4.9080

■ 161.7410,
-15.2680, 1.3720

■ 93.8510, 60.1550,
-5.3890

■ 168.1470,
-22.2830, 1.8530

■ 88.0320, 66.8950,
-6.3930

■ 173.9660,
-29.0230, 2.8570

■ 86.5160, 68.4080,

■ 180.2580,

-6.2800

-35.7170, 3.0270

■ 186.0770,
-42.4570, 4.0310

Harmonies

Analogous

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



131.9550, 22.2360, 4.5080



130.9990, 18.9360, -1.7680



129.6450, 11.0050, -6.7150

Triad

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



130.9990, 18.9360, -1.7680



125.6980, -22.8770, -9.4130



132.6230, 0.0440, 10.2200

Complementary

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



130.9990, 18.9360, -1.7680



124.0010, -18.9360, 1.7680

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.



130.4580, -12.7930, 6.0790



130.9990, 18.9360, -1.7680



126.4790, -26.4540, -5.1580

Square

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



130.9990, 18.9360, -1.7680



126.6190, -12.4690, -10.8130



128.2070, -22.5120, 0.4960



133.1960, 11.5520, 10.9120

Rectangle

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



130.9990, 18.9360, -1.7680



128.7580, 3.2570, -9.4710



128.2070, -22.5120, 0.4960



131.6440, -4.4490, 9.0470

Sweetspot

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



130.9990, 18.9360, -1.7680



184.5940, 7.0150, -0.4810



121.6530, 17.6950, 15.2230



92.9250, 4.5850, -0.4950



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.



130.9990, 18.9360, -1.7680



165.0340, 29.0230, -2.8570



142.7390, 13.4360, -12.2280



70.8540, 3.3470, -0.0850



80.5910, 63.8230, -5.7850



5.9250, 4.5850, -0.4950

Inverse Universe

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



124.0010, -18.9360, 1.7680



153.9660, -29.0230, 2.8570



112.2610, -13.4360, 12.2280



69.5590, -3.0720, 0.6080



57.4090, -63.8230, 5.7850



4.0750, -4.5850, 0.4950

Previews

White Background



This preview shows how the YIQ color 130.9990, 18.9360, -1.7680 looks on a white background.

Color Contrast Check

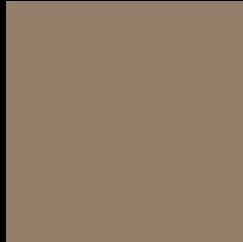
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.9990, 18.9360, -1.7680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

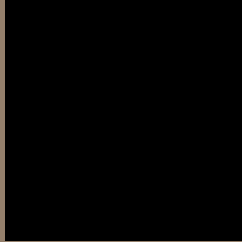
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.9990, 18.9360, -1.7680

Background



This preview shows how black text looks on a background with the YIQ color 130.9990, 18.9360, -1.7680.



This preview shows how white text looks on a background with the YIQ color 130.9990, 18.9360,

-1.7680.

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

130.9990, 18.9360, -1.7680

Protanopia

129.9980, 11.5090, -4.8350

Deuteranopia

131.3090, 20.9990, -0.6090



Tritanopia

132.5120, 13.4780, 9.0460

Trichromacy



Original Color

130.9990, 18.9360, -1.7680

Protanomaly

130.4930, 14.4890, -3.7750

Deuteranomaly

131.0100, 20.4030, -0.8210

Tritanomaly

131.7740, 15.4960, 5.5120

Monochromacy



Original Color

130.9990, 18.9360, -1.7680

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.1810, 6.7400, -1.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.9990, 18.9360, -1.7680 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(148, 127, 107)` looks like.

```
.text, #text, p{  
    color:rgb(148, 127, 107)  
}
```

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(148, 127, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 127, 107) }
```

Border

The CSS property to change the border of an element to YIQ 130.9990, 18.9360, -1.7680 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(148, 127, 107) }
```


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

```
.border{ border-color:rgb(148, 127, 107) }
```

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

Here you see how a box with a 4 pixel rgb(148, 127, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 127, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 127, 107);  
box-shadow:4px 4px 4px 4px rgb(148, 127,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 130.9990, 18.9360, -1.7680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 127, 107) }
```

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

```
.background{ background-color: rgb(148,  
127, 107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor