

Converting Colors

YIQ(130.9890, 15.7280, -9.7120)

Have a look what the booklet for
YIQ(130.9890, 15.7280, -9.7120)
contains.

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Color

**YIQ(130.9890, 15.7280,
-9.7120)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8561
RGB	140, 133, 97
RGB Percent	55%, 52%, 38%
CMY	0.4510, 0.4784, 0.6195
CMYK	0.00, 0.05, 0.31, 0.45
HSL	50°, 18%, 46%
HSV	50°, 31%, 55%
XYZ	21.3608, 23.2130, 14.6696
YIQ	130.9890, 15.7280, -9.7120

Conversions

Conversions Part 2

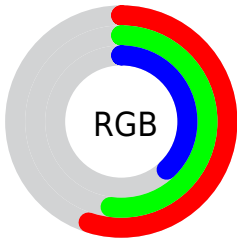
Format	Color
R_{YB}	105, 140, 97
Decimal	9209185
CIE Lab	55.29, -3.30, 20.39
CIE LCh	55, 20.651, 99.185
Yxy	23.2130, 0.3606, 0.3918
Android (android.graphics.Color)	4287399265 (0xFF8C8561)
YUV	130.9890, -16.7566, 7.9026
Hunter-Lab	48.1799, -5.1759, 15.6736

Details

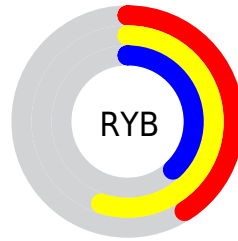
The YIQ color **130.9890, 15.7280, -9.7120** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **106.0110, -15.7280, 9.7120**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.0600, 16.9660, -10.1220**, and **81.6190, 13.8940, -9.5140** is the 20% darker color. If you saturate the color by 10%, you get **128.2190, 20.7720, -13.0200**, and if you desaturate by 10%, it is **133.7590, 10.6840, -6.4040**.

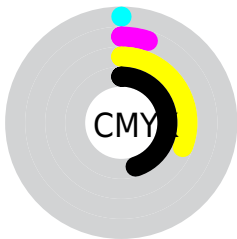
Distribution



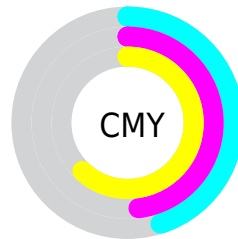
- Red (55%)
- Green (52%)
- Blue (38%)



- Red (41%)
- Yellow (55%)
- Blue (38%)



- Cyan (0%)
- Magenta (5%)
- Yellow (31%)
- Black (45%)





- Cyan (45%)
- Magenta (48%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.9890, 15.7280, -9.7120 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 130.9890, 15.7280, -9.7120 by changing the saturation by 10% instead.


 130.9890, 15.7280,
-9.7120


 130.9890, 15.7280,
-9.7120


255.0000, -0.0000,
-0.0000


 105.8040, 14.8110,
-9.6130


 184.0600, 16.9660,
-10.1220


 81.6190, 13.8940,
-9.5140


 211.9460, 17.2870,
-10.4330


 58.4340, 12.9770,
-9.4150

 240.1310, 18.2040,
-10.5320

 36.3200, 13.2980,
-9.7260

 252.1500, 8.0250,
-7.7750

 16.8340, 6.0990,
-5.9090

 0.0000, 0.0000,
0.0000

■ 130.9890, 15.7280,
-9.7120

■ 130.9890, 15.7280,
-9.7120

■ 128.2190, 20.7720,
-13.0200

■ 133.7590, 10.6840,
-6.4040

■ 124.8620, 26.0910,
-15.8050

■ 137.1160, 5.3650,
-3.6190

■ 122.0920, 31.1350,
-19.1130

■ 139.8860, 0.3210,
-0.3110

■ 119.3220, 36.1790,
-22.4210

■ 142.6560, -4.7230,
2.9970

■ 116.5520, 41.2230,
-25.7290

■ 145.4260, -9.7670,
6.3050

■ 113.1950, 46.5420,
-28.5140

■ 148.7830,
-15.0860, 9.0900

■ 110.5390, 51.2650,
-31.5110

■ 151.5530,
-20.1300, 12.3980

■ 154.3230,

-25.1740, 15.7060

■ 157.6800,
-30.4930, 18.4910

Harmonies

Analogous

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



132.7780, 26.8680, -2.3480



130.9890, 15.7280, -9.7120



128.7420, 0.1860, -14.3900

Triad

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



130.9890, 15.7280, -9.7120



124.5420, -39.9330, -8.6770



135.5110, 15.2190, 16.0430

Complementary

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



130.9890, 15.7280, -9.7120



106.0110, -15.7280, 9.7120

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.



134.6600, -1.3780, 13.9660



130.9890, 15.7280, -9.7120



127.9220, -34.8910, -0.9310

Square

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



130.9890, 15.7280, -9.7120



124.6750, -33.2380, -14.3740



131.8040, -19.5790, 7.9170



134.5630, 26.6360, 12.8760

Rectangle

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



130.9890, 15.7280, -9.7120



127.4570, -12.1930, -15.8170



131.8040, -19.5790, 7.9170



135.1730, 10.3590, 16.0150

Sweetspot

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



130.9890, 15.7280, -9.7120



177.4150, 5.9610, -3.4070



110.6550, 23.3810, 11.2930



89.6860, 3.7600, -2.0640



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



130.9890, 15.7280, -9.7120



166.9050, 24.5320, -15.0840



130.9120, 5.4590, -16.3410



67.6150, 2.5220, -1.6540



104.9240, 48.7430, -29.8570



3.8430, 1.8800, -1.0320

Inverse Universe

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



106.0110, -15.7280, 9.7120



128.0950, -24.5320, 15.0840



106.0880, -5.4590, 16.3410



63.3850, -2.5220, 1.6540



28.0760, -48.7430, 29.8570



1.1570, -1.8800, 1.0320

Previews

White Background



This preview shows how the YIQ color 130.9890, 15.7280, -9.7120 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 130.9890, 15.7280, -9.7120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

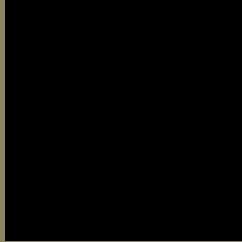
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.9890, 15.7280, -9.7120

Background



This preview shows how black text looks on a background with the YIQ color 130.9890, 15.7280, -9.7120.



This preview shows how white text looks on a background with the YIQ color 130.9890, 15.7280, -9.7120.

-9.7120.

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

130.9890, 15.7280, -9.7120

Protanopia

131.0000, 17.1950, -8.7650

Deuteranopia

132.3650, 26.5930, -2.8710



Tritanopia

134.2230, 6.9220, 6.7140

Trichromacy



Original Color

130.9890, 15.7280, -9.7120

Protanomaly

130.7010, 16.5990, -8.9770

Deuteranomaly

131.7450, 22.4670, -5.1890

Tritanomaly

133.0890, 9.9950, 0.5790

Monochromacy



Original Color

130.9890, 15.7280, -9.7120

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

131.1160, 5.3650, -3.6190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.9890, 15.7280, -9.7120 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(140, 133, 97)` looks like.

```
.text, #text, p{  
    color:rgb(140, 133, 97)  
}
```

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(140, 133, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 133, 97) }
```

Border

The CSS property to change the border of an element to YIQ 130.9890, 15.7280, -9.7120 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(140, 133, 97) }
```


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

```
.border{ border-color:rgb(140, 133, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 133, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 133, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 133, 97);  
box-shadow:4px 4px 4px 4px rgb(140, 133,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 130.9890, 15.7280, -9.7120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 133, 97) }
```

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

```
.background{ background-color: rgb(140,  
133, 97) }
```

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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