

Converting Colors

YIQ(122.6570, 19.8990, -2.7010)

Have a look what the booklet for
YIQ(122.6570, 19.8990, -2.7010)
contains.

YIQ(122.6570, 19.8990, -2.7010)	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(122.6570, 19.8990,
-2.7010)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7760
RGB	140, 119, 96
RGB Percent	55%, 47%, 38%
CMY	0.4509, 0.5334, 0.6234
CMYK	0.00, 0.15, 0.31, 0.45
HSL	31°, 19%, 46%
HSV	31°, 31%, 55%
XYZ	19.5250, 19.6128, 13.8289
YIQ	122.6570, 19.8990, -2.7010

Conversions

Conversions Part 2

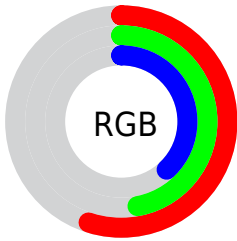
Format	Color
R_{YB}	136, 140, 96
Decimal	9205600
CIE _{Lab}	51.40, 4.52, 15.67
CIE _{LCh}	51, 16.307, 73.910
Yxy	19.6128, 0.3686, 0.3703
Android (android.graphics.Color)	4287395680 (0xFF8C7760)
YUV	122.6570, -13.1419, 15.2098
Hunter-Lab	44.2863, 1.1962, 12.4865

Details

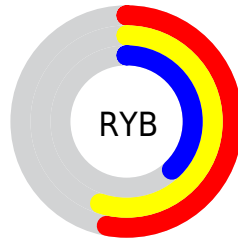
The YIQ color **122.6570, 19.8990, -2.7010** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **113.3430, -19.8990, 2.7010**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **175.1410, 21.4120, -2.5880**, and **73.9880, 17.4690, -2.7150** is the 20% darker color. If you saturate the color by 10%, you get **116.9520, 26.3180, -3.3940**, and if you desaturate by 10%, it is **128.3620, 13.4800, -2.0080**.

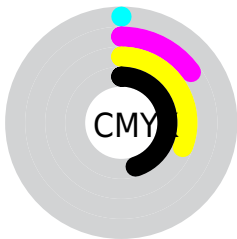
Distribution



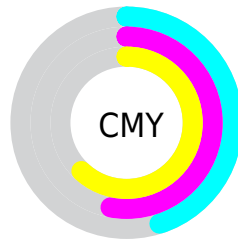
- Red (55%)
- Green (47%)
- Blue (38%)



- Red (53%)
- Yellow (55%)
- Blue (38%)



- Cyan (0%)
- Magenta (15%)
- Yellow (31%)
- Black (45%)



- Cyan (45%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.6570, 19.8990, -2.7010 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 122.6570, 19.8990, -2.7010 by changing the saturation by 10% instead.

■ 122.6570, 19.8990,
-2.7010

■ 122.6570, 19.8990,
-2.7010

■ 255.0000, -0.0000,
-0.0000

■ 97.4720, 18.9820,
-2.6020

■ 175.1410, 21.4120,
-2.5880

■ 73.9880, 17.4690,
-2.7150

■ 202.3260, 22.3290,
-2.6870

■ 50.8030, 16.5520,
-2.6160

■ 230.6250, 22.9250,
-2.4750

■ 29.0480, 17.2400,
-4.0720

■ 252.0360, 8.3460,
-8.0860

■ 5.9690, 10.4530,
3.2930

■ 0.0000, 0.0000,
0.0000

■ 122.6570, 19.8990,
-2.7010

■ 122.6570, 19.8990,
-2.7010

■ 116.9520, 26.3180,
-3.3940

■ 128.3620, 13.4800,
-2.0080

■ 111.8340, 32.4620,
-4.6100

■ 133.4800, 7.3360,
-0.7920

■ 106.1290, 38.8810,
-5.3030

■ 139.1850, 0.9170,
-0.0990

■ 100.4240, 45.3000,
-5.9960

■ 144.8900, -5.5020,
0.5940

■ 95.3060, 51.4440,
-7.2120

■ 150.0080,
-11.6460, 1.8100

■ 89.6010, 57.8630,
-7.9050

■ 155.7130,
-18.0650, 2.5030

■ 84.7110, 63.3650,
-8.4990

■ 161.4180,
-24.4840, 3.1960

■ 167.1230,

-30.9030, 3.8890

■ 172.2410,
-37.0470, 5.1050

Harmonies

Analogous

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



123.9120, 23.7950, 3.7870



122.6570, 19.8990, -2.7010



121.2920, 10.5010, -8.5950

Triad

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



122.6570, 19.8990, -2.7010



116.4310, -26.4990, -9.8510



124.7480, 1.1900, 11.4780

Complementary

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



122.6570, 19.8990, -2.7010



113.3430, -19.8990, 2.7010

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.



122.3980, -12.5640, 7.4360



122.6570, 19.8990, -2.7010



117.2120, -30.0760, -5.5960

Square

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



122.6570, 19.8990, -2.7010



117.7110, -15.7240, -12.3960



119.9510, -24.6670, 1.0050



124.9190, 13.8900, 12.5940

Rectangle

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



122.6570, 19.8990, -2.7010



119.9320, 2.7070, -10.5170



119.9510, -24.6670, 1.0050



123.8830, -3.6240, 10.6160

Sweetspot

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



122.6570, 19.8990, -2.7010



174.4800, 7.3360, -0.7920



111.5500, 19.4830, 15.8590



87.9250, 4.5850, -0.4950



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.



122.6570, 19.8990, -2.7010



153.7630, 31.2240, -4.2000



134.6850, 13.5280, -13.8960



66.4410, 3.0720, -0.6080



80.2700, 60.2930, -7.8910



3.2560, 2.1550, -0.5090

Inverse Universe

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



113.3430, -19.8990, 2.7010



139.2370, -31.2240, 4.2000



101.3150, -13.5280, 13.8960



64.5590, -3.0720, 0.6080



52.1430, -60.0180, 8.4140



1.7440, -2.1550, 0.5090

Previews

White Background



This preview shows how the YIQ color 122.6570, 19.8990, -2.7010 looks on a white background.

Color Contrast Check

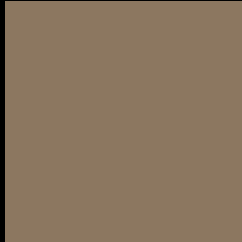
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.6570, 19.8990, -2.7010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

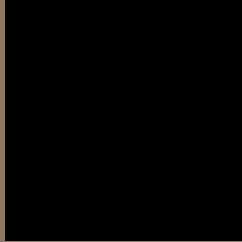
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.6570, 19.8990, -2.7010

Background



This preview shows how black text looks on a background with the YIQ color 122.6570, 19.8990, -2.7010.



This preview shows how white text looks on a background with the YIQ color 122.6570, 19.8990,

-2.7010.

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

122.6570, 19.8990, -2.7010

Protanopia

121.6560, 12.4720, -5.7680

Deuteranopia

122.9670, 21.9620, -1.5420



Tritanopia

124.3980, 13.7990, 8.7350

Trichromacy



Original Color

122.6570, 19.8990, -2.7010

Protanomaly

122.1510, 15.4520, -4.7080

Deuteranomaly

122.6680, 21.3660, -1.7540

Tritanomaly

123.5460, 16.1380, 4.8900

Monochromacy



Original Color

122.6570, 19.8990, -2.7010

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0670, 7.0610, -1.3150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.6570, 19.8990, -2.7010 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, 119, 96)` looks like.

```
.text, #text, p{  
    color:rgb(140, 119, 96)  
}
```

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, 119, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 119, 96) }
```

Border

The CSS property to change the border of an element to YIQ 122.6570, 19.8990, -2.7010 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, 119, 96) }
```


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

```
.border{ border-color:rgb(140, 119, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 119, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 119, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 119, 96);  
box-shadow:4px 4px 4px 4px rgb(140, 119,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 122.6570, 19.8990, -2.7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 119, 96) }
```

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

```
.background{ background-color: rgb(140,  
119, 96) }
```

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