

Converting Colors

YIQ(129.7330, 22.7410, 0.8610)

Have a look what the booklet for
YIQ(129.7330, 22.7410, 0.8610)
contains.

YIQ(129.7330, 22.7410, 0.8610)	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(129.7330, 22.7410,
0.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	987B6A
RGB	152, 123, 106
RGB Percent	60%, 48%, 42%
CMY	0.4039, 0.5177, 0.5842
CMYK	0.00, 0.19, 0.30, 0.40
HSL	22°, 18%, 51%
HSV	22°, 30%, 60%
XYZ	22.6360, 21.8809, 16.6732
YIQ	129.7330, 22.7410, 0.8610

Conversions

Conversions Part 2

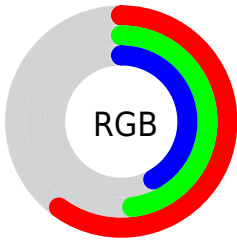
Format	Color
R_{YB}	152, 133, 106
Decimal	9993066
CIE _{Lab}	53.90, 8.63, 13.52
CIE _{LCh}	54, 16.038, 57.444
Yxy	21.8809, 0.3699, 0.3576
Android (android.graphics.Color)	4288183146 (0xFF987B6A)
YUV	129.7330, -11.7004, 19.5282
Hunter-Lab	46.7770, 4.5188, 11.6105

Details

The YIQ color $129.7330, 22.7410, 0.8610$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $128.2670, -22.7410, -0.8610$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $182.5160, 24.8500, 1.1860$, and $80.0640, 20.3110, 0.8470$ is the 20% darker color. If you saturate the color by 10%, you get $122.1530, 30.3060, 1.4260$, and if you desaturate by 10%, it is $137.3130, 15.1760, 0.2960$.

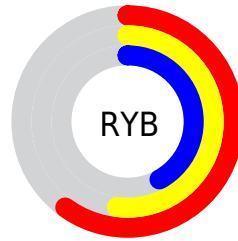
Distribution



Red (60%)

Green (48%)

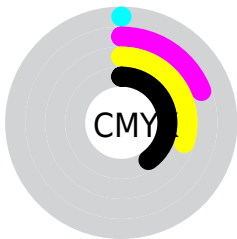
Blue (42%)



Red (60%)

Yellow (52%)

Blue (42%)

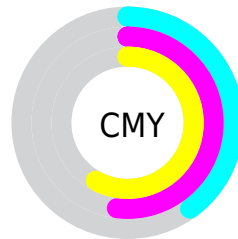


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (40%)



Cyan (40%)


Magenta (52%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.7330, 22.7410, 0.8610 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 129.7330, 22.7410, 0.8610 by changing the saturation by 10% instead.


 129.7330, 22.7410,
0.8610


 129.7330, 22.7410,
0.8610


255.0000, -0.0000,
-0.0000


 104.5480, 21.8240,
0.9600


 182.5160, 24.8500,
1.1860


 80.0640, 20.3110,
0.8470


 210.7010, 25.7670,
1.0870

 57.1670, 18.5230,
0.2110

 236.0100, 20.4030,
-0.8210

 34.9820, 17.6060,
0.3100

 253.2900, 4.8150,
-4.6650

 13.3780, 16.5510,
2.9110

 0.0000, 0.0000,
0.0000

■ 129.7330, 22.7410,
0.8610

■ 129.7330, 22.7410,
0.8610

■ 122.1530, 30.3060,
1.4260

■ 137.3130, 15.1760,
0.2960

■ 115.1600, 37.5960,
1.4680

■ 144.3060, 7.8860,
0.2540

■ 107.4660, 45.4820,
1.7220

■ 152.0000, -0.0000,
-0.0000

■ 100.4730, 52.7720,
1.7640

■ 158.9930, -7.2900,
-0.0420

■ 92.8930, 60.3370,
2.3290

■ 166.5730,
-14.8550, -0.6070

■ 85.3130, 67.9020,
2.8940

■ 174.1530,
-22.4200, -1.1720

■ 78.3200, 75.1920,
2.9360

■ 181.1460,
-29.7100, -1.2140

■ 188.8400,

-37.5960, -1.4680

■ 195.8330,
-44.8860, -1.5100

Harmonies

Analogous

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



130.7210, 23.0150, 6.9110



129.7330, 22.7410, 0.8610



128.2220, 16.6900, -5.1180

Triad

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



129.7330, 22.7410, 0.8610



123.9000, -20.6300, -11.5900



130.2740, -6.2830, 9.2450

Complementary

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



129.7330, 22.7410, 0.8610



128.2670, -22.7410, -0.8610

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.



127.2830, -19.6700, 4.0580



129.7330, 22.7410, 0.8610



123.1150, -28.4250, -7.9850

Square

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



129.7330, 22.7410, 0.8610



125.1310, -8.1590, -11.8310



124.6900, -28.4260, -2.4580



131.0970, 7.5170, 12.4530

Rectangle

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



129.7330, 22.7410, 0.8610



127.1070, 9.5840, -8.4960



124.6900, -28.4260, -2.4580



129.2950, -10.7760, 8.0720

Sweetspot

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



129.7330, 22.7410, 0.8610



187.6050, 8.4820, 0.4660



123.0600, 18.1070, 18.7710



94.3380, 4.8600, 0.0280



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



129.7330, 22.7410, 0.8610



162.1920, 34.5700, 1.2420



143.2340, 16.4160, -11.1680



73.1530, 3.9430, 0.1270



72.3840, 69.1400, 2.4840



6.8220, 6.3730, 0.1410

Inverse Universe

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



128.2670, -22.7410, -0.8610



159.8080, -34.5700, -1.2420



114.7660, -16.4160, 11.1680



72.8470, -3.9430, -0.1270



68.2030, -69.4150, -3.0070



6.1780, -6.3730, -0.1410

Previews

White Background



This preview shows how the YIQ color 129.7330, 22.7410, 0.8610 looks on a white background.

Color Contrast Check

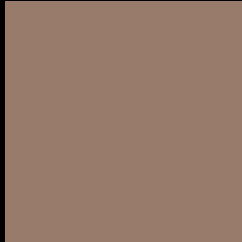
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.7330, 22.7410, 0.8610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

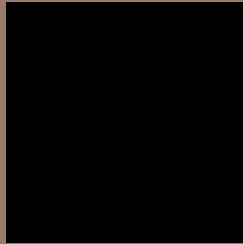
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.7330, 22.7410, 0.8610

Background



This preview shows how black text looks on a background with the YIQ color 129.7330, 22.7410, 0.8610.



This preview shows how white text looks on a background with the YIQ color 129.7330, 22.7410,

0.8610.

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

129.7330, 22.7410, 0.8610

Protanopia

128.8130, 10.5920, -4.7360

Deuteranopia

129.7220, 21.2740, -0.0860



Tritanopia

131.4910, 17.9710, 10.2190

Trichromacy



Original Color

129.7330, 22.7410, 0.8610

Protanomaly

129.3190, 15.0390, -2.7290

Deuteranomaly

130.0210, 21.8700, 0.1260

Tritanomaly

130.8670, 19.6680, 6.9960

Monochromacy



Original Color

129.7330, 22.7410, 0.8610

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.6050, 8.4820, 0.4660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.7330, 22.7410, 0.8610 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(152, 123, 106)` looks like.

```
.text, #text, p{  
    color:rgb(152, 123, 106)  
}
```

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(152, 123, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 123, 106) }
```

Border

The CSS property to change the border of an element to YIQ 129.7330, 22.7410, 0.8610 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(152, 123, 106) }
```


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

```
.border{ border-color:rgb(152, 123, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 123, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 123, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 123, 106);  
box-shadow:4px 4px 4px 4px rgb(152, 123,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 129.7330, 22.7410, 0.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 123, 106) }
```

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

```
.background{ background-color: rgb(152,  
123, 106) }
```

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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