

Converting Colors

YIQ(129.2970, 2.9370, -14.6870)

Have a look what the booklet for
YIQ(129.2970, 2.9370, -14.6870)
contains.

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Color

**YIQ(129.2970, 2.9370,
-14.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8A65
RGB	123, 138, 101
RGB Percent	48%, 54%, 40%
CMY	0.5177, 0.4588, 0.6039
CMYK	0.11, 0.00, 0.27, 0.46
HSL	84°, 15%, 47%
HSV	84°, 27%, 54%
XYZ	19.6051, 23.3284, 15.7841
YIQ	129.2970, 2.9370, -14.6870

Conversions

Conversions Part 2

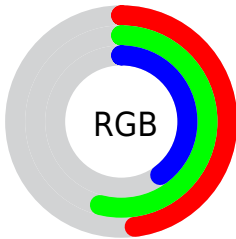
Format	Color
R_{YB}	101, 138, 116
Decimal	8096357
CIE _{Lab}	55.41, -12.37, 18.06
CIE _{LCh}	55, 21.888, 124.421
Yxy	23.3284, 0.3339, 0.3973
Android (android.graphics.Color)	4286286437 (0xFF7B8A65)
YUV	129.2970, -13.9504, -5.5225
Hunter-Lab	48.2995, -12.0697, 14.4339

Details

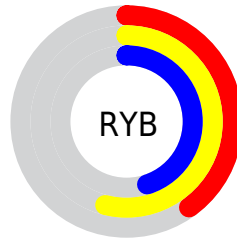
The YIQ color $129.2970, 2.9370, -14.6870$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $109.7030, -2.9370, 14.6870$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.0690, 3.5790, -15.3090$, and $79.9380, 2.5700, -13.5420$ is the 20% darker color. If you saturate the color by 10%, you get $125.9070, 3.8550, -20.3130$, and if you desaturate by 10%, it is $132.6870, 2.0190, -9.0610$.

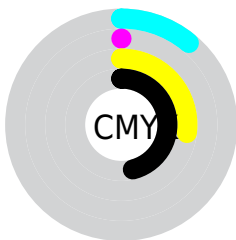
Distribution



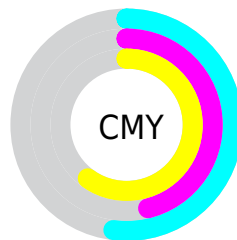
- Red (48%)
- Green (54%)
- Blue (40%)



- Red (40%)
- Yellow (54%)
- Blue (45%)



- Cyan (11%)
- Magenta (0%)
- Yellow (27%)
- Black (46%)



- Cyan (52%)
- Magenta (46%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.2970, 2.9370, -14.6870 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 129.2970, 2.9370, -14.6870 by changing the saturation by 10% instead.

■ 129.2970, 2.9370,
-14.6870

■ 129.2970, 2.9370,
-14.6870

■ 255.0000, -0.0000,
-0.0000

■ 104.4110, 2.6160,
-14.3760

■ 182.0690, 3.5790,
-15.3090

■ 79.9380, 2.5700,
-13.5420

■ 209.6560, 3.3040,
-15.8320

■ 57.0520, 2.2490,
-13.2310

■ 238.5420, 3.6250,
-16.1430

■ 35.0520, 2.2490,
-13.2310

■ 252.7200, 6.4200,
-6.2200

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 129.2970, 2.9370,
-14.6870

■ 129.2970, 2.9370,
-14.6870

■ 125.9070, 3.8550,
-20.3130

■ 132.6870, 2.0190,
-9.0610

■ 122.8160, 5.3690,
-25.7270

■ 135.7780, 0.5050,
-3.6470

■ 119.5400, 5.9660,
-31.0420

■ 139.0540, -0.0920,
1.6680

■ 116.4490, 7.4800,
-36.4560

■ 142.1450, -1.6060,
7.0820

■ 113.0590, 8.3980,
-42.0820

■ 145.5350, -2.5240,
12.7080

■ 109.6690, 9.3160,
-47.7080

■ 148.9250, -3.4420,
18.3340

■ 106.5780, 10.8300,
-53.1220

■ 152.0160, -4.9560,
23.7480

■ 105.5240, 10.9220,

■ 155.2920, -5.5530,

-54.7900

29.0630

■ 158.3830, -7.0670,
34.4770

Harmonies

Analogous

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



131.3700, 19.0290, -8.9630



129.2970, 2.9370, -14.6870



126.7770, -16.0900, -16.7780

Triad

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



129.2970, 2.9370, -14.6870



126.8290, -39.0630, -2.4150



135.6170, 26.5440, 14.5440

Complementary

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



129.2970, 2.9370, -14.6870



109.7030, -2.9370, 14.6870

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.



135.8530, 14.2560, 16.9760



129.2970, 2.9370, -14.6870



131.2380, -23.7970, 7.2670

Square

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



129.2970, 2.9370, -14.6870



123.5200, -42.8670, -10.5710



134.8060, -4.7250, 14.0510



134.6250, 32.0930, 7.5890

Rectangle

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



129.2970, 2.9370, -14.6870



124.8450, -27.9650, -16.3250



134.8060, -4.7250, 14.0510



135.7030, 23.4260, 15.9860

Sweetspot

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



129.2970, 2.9370, -14.6870



175.4960, 1.2390, -5.9370



120.8680, 17.9270, -0.0010



87.0770, 1.1010, -3.4350



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



129.2970, 2.9370, -14.6870



165.2120, 4.3140, -23.1260



123.9150, -7.7910, -18.5030



67.3050, 0.4590, -2.8130



101.6920, 10.5090, -52.8110



3.8320, 0.4130, -1.9790

Inverse Universe

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



109.7030, -2.9370, 14.6870



134.7880, -4.3140, 23.1260



115.0850, 7.7910, 18.5030



63.6950, -0.4590, 2.8130



31.3080, -10.5090, 52.8110



1.1680, -0.4130, 1.9790

Previews

White Background



This preview shows how the YIQ color 129.2970, 2.9370, -14.6870 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 129.2970, 2.9370, -14.6870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

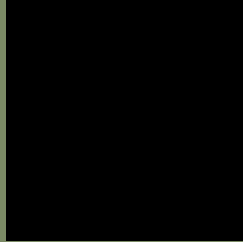
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.2970, 2.9370, -14.6870

Background



This preview shows how black text looks on a background with the YIQ color 129.2970, 2.9370, -14.6870.



This preview shows how white text looks on a background with the YIQ color 129.2970, 2.9370,

-14.6870.

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

129.2970, 2.9370, -14.6870

Protanopia

131.1140, 16.8740, -8.4540

Deuteranopia

132.6360, 24.3920, -1.5280



Tritanopia

132.9440, -5.5940, 2.2620

Trichromacy



Original Color

129.2970, 2.9370, -14.6870

Protanomaly

130.3090, 11.8310, -10.6730

Deuteranomaly

131.2820, 16.4610, -6.4750

Tritanomaly

131.8100, -2.5210, -3.8730

Monochromacy



Original Color

129.2970, 2.9370, -14.6870

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0230, 1.1930, -5.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.2970, 2.9370, -14.6870 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(123, 138, 101)` looks like.

```
.text, #text, p{  
    color:rgb(123, 138, 101)  
}
```

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(123, 138, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 138, 101) }
```

Border

The CSS property to change the border of an element to YIQ 129.2970, 2.9370, -14.6870 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(123, 138, 101) }
```


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

```
.border{ border-color:rgb(123, 138, 101) }
```

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

Here you see how a box with a 4 pixel rgb(123, 138, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 138, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 138, 101);  
box-shadow:4px 4px 4px 4px rgb(123, 138,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 129.2970, 2.9370, -14.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 138, 101) }
```

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

```
.background{ background-color: rgb(123,  
138, 101) }
```

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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