

Converting Colors

YIQ(129.2410, -2.6570,
-12.4250)

Have a look what the booklet for
YIQ(129.2410, -2.6570, -12.4250)
contains.

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Color

**YIQ(129.2410, -2.6570,
-12.4250)**

Conversions

Conversions Part 1

Format	Color
Hex	778A6F
RGB	119, 138, 111
RGB Percent	47%, 54%, 44%
CMY	0.5334, 0.4588, 0.5647
CMYK	0.14, 0.00, 0.20, 0.46
HSL	102°, 11%, 49%
HSV	102°, 20%, 54%
XYZ	19.5646, 23.2478, 18.4958
YIQ	129.2410, -2.6570, -12.4250

Conversions

Conversions Part 2

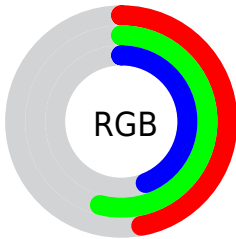
Format	Color
RYB	111, 138, 130
Decimal	7834223
CIELab	55.33, -12.22, 12.21
CIELCh	55, 17.277, 135.021
Yxy	23.2478, 0.3191, 0.3792
Android (android.graphics.Color)	4286024303 (0xFF778A6F)
YUV	129.2410, -8.9928, -8.9814
Hunter-Lab	48.2160, -11.9481, 11.0074

Details

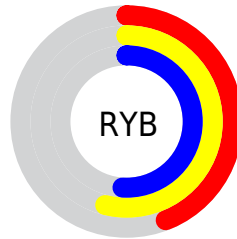
The YIQ color $129.2410, -2.6570, -12.4250$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $119.7590, 2.6570, 12.4250$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $181.8280, -2.9320, -12.9480$, and $79.7680, -2.7030, -11.5910$ is the 20% darker color. If you saturate the color by 10%, you get $124.6550, -4.1230, -18.8990$, and if you desaturate by 10%, it is $133.8270, -1.1910, -5.9510$.

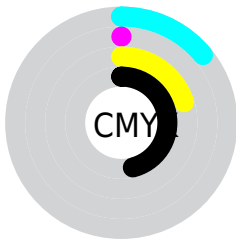
Distribution



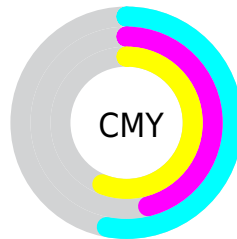
- Red (47%)
- Green (54%)
- Blue (44%)



- Red (44%)
- Yellow (54%)
- Blue (51%)



- Cyan (14%)
- Magenta (0%)
- Yellow (20%)
- Black (46%)



- Cyan (53%)
- Magenta (46%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.2410, -2.6570, -12.4250 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 129.2410, -2.6570, -12.4250 by changing the saturation by 10% instead.

■ 129.2410, -2.6570,
-12.4250

■ 129.2410, -2.6570,
-12.4250

■ 255.0000, -0.0000,
-0.0000

■ 104.3550, -2.9780,
-12.1140

■ 181.8280, -2.9320,
-12.9480

■ 79.7680, -2.7030,
-11.5910

■ 209.7140, -2.6110,
-13.2590

■ 57.1810, -2.4280,
-11.0680

■ 238.3010, -2.8860,
-13.7820

■ 35.4090, -3.0700,
-10.4460

■ 253.9740, 2.8890,
-2.7990

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 129.2410, -2.6570,
-12.4250

■ 129.2410, -2.6570,
-12.4250

■ 124.6550, -4.1230,
-18.8990

■ 133.8270, -1.1910,
-5.9510

■ 120.3680, -4.9930,
-25.1610

■ 138.1140, -0.3210,
0.3110

■ 115.8960, -6.7800,
-31.3240

■ 142.5860, 1.4660,
6.4740

■ 111.3100, -8.2460,
-37.7980

■ 147.1720, 2.9320,
12.9480

■ 106.7240, -9.7120,
-44.2720

■ 151.7580, 4.3980,
19.4220

■ 102.4370,
-10.5820, -50.5340

■ 156.0450, 5.2680,
25.6840

■ 97.8510, -12.0480,
-57.0080


■ 160.6310, 6.7340,
32.1580

■ 93.3790, -13.8350,

■ 165.1030, 8.5210,

-63.1710

38.3210

 93.2650, -13.5140,
-63.4820

 169.3900, 9.3910,
44.5830

Harmonies

Analogous

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



131.1780, 10.8220, -8.9060



129.2410, -2.6570, -12.4250



127.7000, -17.1910, -13.3430

Triad

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



129.2410, -2.6570, -12.4250



129.8800, -25.9050, 1.4150



134.9000, 24.0690, 9.8370

Complementary

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



129.2410, -2.6570, -12.4250



119.7590, 2.6570, 12.4250

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.



135.5170, 15.0820, 13.0180



129.2410, -2.6570, -12.4250



132.6260, -13.2060, 8.0580

Square

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



129.2410, -2.6570, -12.4250



127.4290, -32.1850, -5.9210



134.5740, 1.7400, 12.5240



133.6950, 25.9040, 4.1120

Rectangle

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



129.2410, -2.6570, -12.4250



126.5620, -25.4900, -11.6180



134.5740, 1.7400, 12.5240



135.1710, 21.8680, 11.1800

Sweetspot

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



129.2410, -2.6570, -12.4250



175.3540, -1.2370, -5.1170



130.2260, 10.8670, -4.2130



87.1200, -0.4580, -2.7140



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.



129.2410, -2.6570, -12.4250



165.5410, -3.8020, -19.2100



127.4190, -9.0300, -12.5660



66.7070, -0.7330, -3.2370



89.7320, -13.3310, -61.2910



3.5330, -0.1830, -2.1910

Inverse Universe

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



119.7590, 2.6570, 12.4250



150.4590, 3.8020, 19.2100



121.5810, 9.0300, 12.5660



64.2930, 0.7330, 3.2370



42.9690, 12.7350, 61.0790



1.7660, 0.7790, 2.4030

Previews

White Background



This preview shows how the YIQ color 129.2410, -2.6570, -12.4250 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 129.2410, -2.6570, -12.4250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

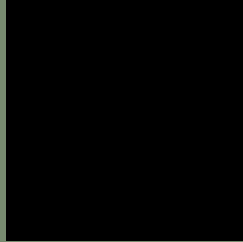
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.2410, -2.6570, -12.4250

Background



This preview shows how black text looks on a background with the YIQ color 129.2410, -2.6570, -12.4250.



This preview shows how white text looks on a background with the YIQ color 129.2410, -2.6570,

-12.4250.

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

129.2410, -2.6570, -12.4250

Protanopia

131.6560, 12.4720, -5.7680

Deuteranopia

132.8790, 19.3940, 0.9460



Tritanopia

131.5630, -8.8950, 1.5130

Trichromacy



Original Color

129.2410, -2.6570, -12.4250

Protanomaly

130.5520, 6.8330, -8.1990

Deuteranomaly

131.5250, 11.4630, -4.0010

Tritanomaly

130.7710, -6.7850, -3.6890

Monochromacy



Original Color

129.2410, -2.6570, -12.4250

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7670, -0.9620, -4.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.2410, -2.6570, -12.4250 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(119, 138, 111)` looks like.

```
.text, #text, p{  
    color:rgb(119, 138, 111)  
}
```

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(119, 138, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 138, 111) }
```

Border

The CSS property to change the border of an element to YIQ 129.2410, -2.6570, -12.4250 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(119, 138, 111) }
```


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

```
.border{ border-color:rgb(119, 138, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 138, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 138, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 138, 111);  
box-shadow:4px 4px 4px 4px rgb(119, 138,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 129.2410, -2.6570, -12.4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 138, 111) }
```

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

```
.background{ background-color: rgb(119,  
138, 111) }
```

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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