

Converting Colors

YIQ(121.7470, 1.7900, -10.4180)

Have a look what the booklet for
YIQ(121.7470, 1.7900, -10.4180)
contains.

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Color

**YIQ(121.7470, 1.7900,
-10.4180)**

Conversions

Conversions Part 1

Format	Color
Hex	758066
RGB	117, 128, 102
RGB Percent	46%, 50%, 40%
CMY	0.5412, 0.4980, 0.6000
CMYK	0.09, 0.00, 0.20, 0.50
HSL	85°, 11%, 45%
HSV	85°, 20%, 50%
XYZ	17.4531, 20.1801, 15.5475
YIQ	121.7470, 1.7900, -10.4180

Conversions

Conversions Part 2

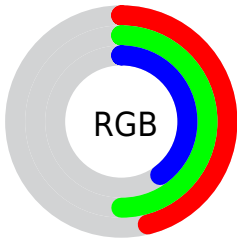
Format	Color
RYB	102, 128, 113
Decimal	7700582
CIELab	52.04, -9.08, 12.78
CIElCh	52, 15.675, 125.413
Yxy	20.1801, 0.3282, 0.3795
Android (android.graphics.Color)	4285890662 (0xFF758066)
YUV	121.7470, -9.7353, -4.1631
Hunter-Lab	44.9223, -9.2639, 10.9255

Details

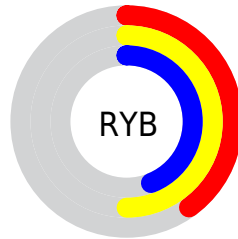
The YIQ color $121.7470, 1.7900, -10.4180$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $108.2530, -1.7900, 10.4180$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $174.2200, 1.8360, -11.2520$, and $73.2740, 1.7440, -9.5840$ is the 20% darker color. If you saturate the color by 10%, you get $118.7700, 2.9830, -15.5210$, and if you desaturate by 10%, it is $124.7240, 0.5970, -5.3150$.

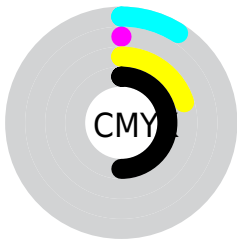
Distribution



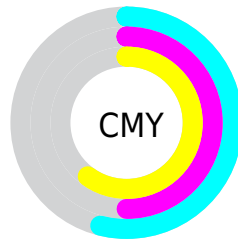
- Red (46%)
- Green (50%)
- Blue (40%)



- Red (40%)
- Yellow (50%)
- Blue (44%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (50%)



- Cyan (54%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.7470, 1.7900, -10.4180 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 121.7470, 1.7900, -10.4180 by changing the saturation by 10% instead.

■ 121.7470, 1.7900,
-10.4180

■ 121.7470, 1.7900,
-10.4180

■ 255.0000, -0.0000,
-0.0000

■ 96.8610, 1.4690,
-10.1070

■ 174.2200, 1.8360,
-11.2520

■ 73.2740, 1.7440,
-9.5840

■ 201.5190, 2.4320,
-11.0400

■ 50.3880, 1.4230,
-9.2730

■ 229.9920, 2.4780,
-11.8740

■ 29.3880, 1.4230,
-9.2730

■ 252.2360, 4.9070,
-6.3330

■ 8.2180, -3.8500,
-7.3220

■ 0.0000, 0.0000,
0.0000

■ 121.7470, 1.7900,
-10.4180

■ 121.7470, 1.7900,
-10.4180

■ 118.7700, 2.9830,
-15.5210

■ 124.7240, 0.5970,
-5.3150

■ 115.4940, 3.5800,
-20.8360

■ 128.0000, -0.0000,
-0.0000

■ 112.6310, 4.4520,
-25.6280

■ 130.8630, -0.8720,
4.7920

■ 109.3550, 5.0490,
-30.9430

■ 134.1390, -1.4690,
10.1070

■ 106.3780, 6.2420,
-36.0460

■ 137.1160, -2.6620,
15.2100

■ 103.1020, 6.8390,
-41.3610

■ 140.3920, -3.2590,
20.5250

■ 100.1250, 8.0320,
-46.4640

■ 143.3690, -4.4520,
25.6280

■ 97.2620, 8.9040,

■ 146.2320, -5.3240,

-51.2560

30.4200

■ 149.5080, -5.9210,
35.7350

Harmonies

Analogous

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



123.3140, 13.4350, -6.7010



121.7470, 1.7900, -10.4180



120.2770, -11.5060, -11.7460

Triad

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



121.7470, 1.7900, -10.4180



120.7120, -25.4920, -0.5640



126.5620, 19.2090, 9.8090

Complementary

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



121.7470, 1.7900, -10.4180



108.2530, -1.7900, 10.4180

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.



126.6520, 10.2680, 12.1560



121.7470, 1.7900, -10.4180



123.4900, -15.8190, 5.8530

Square

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



121.7470, 1.7900, -10.4180



119.0550, -28.1960, -6.6280



125.9540, -2.3860, 10.2060



125.6670, 23.1070, 5.2430

Rectangle

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



121.7470, 1.7900, -10.4180



119.3840, -19.1170, -11.4770



125.9540, -2.3860, 10.2060



126.8330, 17.0080, 11.1520

Sweetspot

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



121.7470, 1.7900, -10.4180



163.6640, 0.8260, -3.9580



116.2310, 12.4710, -0.2410



82.7180, 0.7340, -2.2900



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



121.7470, 1.7900, -10.4180



156.3570, 2.7080, -16.0440



117.8600, -5.9580, -13.1740



62.3050, 0.4590, -2.8130



96.9630, 8.3080, -51.4680



0.0000, 0.0000, 0.0000

Inverse Universe

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



108.2530, -1.7900, 10.4180



135.6430, -2.7080, 16.0440



112.1400, 5.9580, 13.1740



58.6950, -0.4590, 2.8130



30.7380, -8.9040, 51.2560



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 121.7470, 1.7900, -10.4180 looks on a white background.

Color Contrast Check

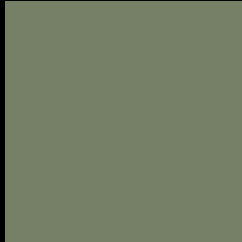
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.7470, 1.7900, -10.4180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

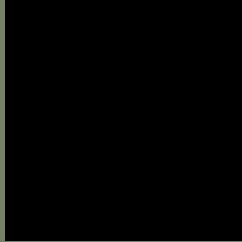
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.7470, 1.7900, -10.4180

Background



This preview shows how black text looks on a background with the YIQ color 121.7470, 1.7900, -10.4180.



This preview shows how white text looks on a background with the YIQ color 121.7470, 1.7900, -10.4180.

-10.4180.

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

121.7470, 1.7900, -10.4180

Protanopia

123.3570, 11.8760, -5.9800

Deuteranopia

124.4660, 19.1190, 0.4230



Tritanopia

124.4280, -4.0810, 2.3750

Trichromacy



Original Color

121.7470, 1.7900, -10.4180

Protanomaly

122.5630, 8.3000, -7.2520

Deuteranomaly

123.4220, 13.2510, -3.3650

Tritanomaly

123.1630, -2.0170, -1.9930

Monochromacy



Original Color

121.7470, 1.7900, -10.4180

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.7780, 0.5050, -3.6470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.7470, 1.7900, -10.4180 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(117, 128, 102)` looks like.

```
.text, #text, p{  
    color:rgb(117, 128, 102)  
}
```

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(117, 128, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 128, 102) }
```

Border

The CSS property to change the border of an element to YIQ 121.7470, 1.7900, -10.4180 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(117, 128, 102) }
```


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

```
.border{ border-color:rgb(117, 128, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 128, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 128, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 128, 102);  
box-shadow:4px 4px 4px 4px rgb(117, 128,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 121.7470, 1.7900, -10.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 128, 102) }
```

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

```
.background{ background-color: rgb(117,  
128, 102) }
```

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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