

Converting Colors

YIQ(122.4290, 11.3730,
-13.3870)

Have a look what the booklet for
YIQ(122.4290, 11.3730, -13.3870)
contains.

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Color

**YIQ(122.4290, 11.3730,
-13.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8057
RGB	125, 128, 87
RGB Percent	49%, 50%, 34%
CMY	0.5098, 0.4980, 0.6587
CMYK	0.02, 0.00, 0.32, 0.50
HSL	64°, 19%, 42%
HSV	64°, 32%, 50%
XYZ	17.8967, 20.4864, 12.0320
YIQ	122.4290, 11.3730, -13.3870

Conversions

Conversions Part 2

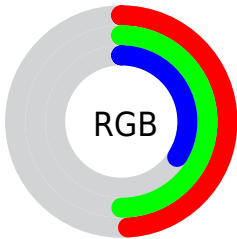
Format	Color
R_{YB}	87, 128, 90
Decimal	8224855
CIE _{Lab}	52.38, -8.17, 21.93
CIE _{LCh}	52, 23.400, 110.440
Yxy	20.4864, 0.3550, 0.4064
Android (android.graphics.Color)	4286414935 (0xFF7D8057)
YUV	122.4290, -17.4665, 2.2548
Hunter-Lab	45.2619, -8.6292, 15.9222

Details

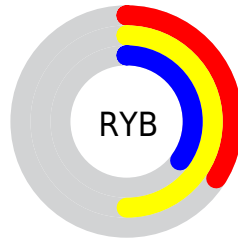
The YIQ color $[122.4290, 11.3730, -13.3870]$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $[92.5710, -11.3730, 13.3870]$, and the grayscale version is $[123.0000, -0.0000, -0.0000]$.

A 20% lighter version of the original color is $[175.0870, 12.3360, -14.3200]$, and $[73.4720, 9.8140, -12.6660]$ is the 20% darker color. If you saturate the color by 10%, you get $[120.6480, 14.9500, -17.6420]$, and if you desaturate by 10%, it is $[124.2100, 7.7960, -9.1320]$.

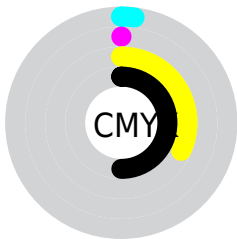
Distribution



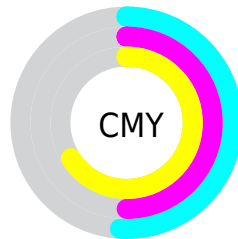
- Red (49%)
- Green (50%)
- Blue (34%)



- Red (34%)
- Yellow (50%)
- Blue (35%)



- Cyan (2%)
- Magenta (0%)
- Yellow (32%)
- Black (50%)



- Cyan (51%)
- Magenta (50%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.4290, 11.3730, -13.3870 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 122.4290, 11.3730, -13.3870 by changing the saturation by 10% instead.

122.4290, 11.3730,
-13.3870

122.4290, 11.3730,
-13.3870

255.0000, -0.0000,
-0.0000

97.5430, 11.0520,
-13.0760

175.0870, 12.3360,
-14.3200

73.4720, 9.8140,
-12.6660

202.3860, 12.9320,
-14.1080

50.5860, 9.4930,
-12.3550

230.8590, 12.9780,
-14.9420

30.1130, 9.4470,
-11.5210

250.8960, 11.5560,
-11.1960

8.2180, -3.8500,
-7.3220

254.0880, 2.5680,
-2.4880

0.0000, 0.0000,
0.0000

■ 122.4290, 11.3730,
-13.3870

■ 122.4290, 11.3730,
-13.3870

■ 120.6480, 14.9500,
-17.6420

■ 124.2100, 7.7960,
-9.1320

■ 118.8670, 18.5270,
-21.8970

■ 125.9910, 4.2190,
-4.8770

■ 117.2000, 21.7830,
-25.8410

■ 127.6580, 0.9630,
-0.9330

■ 115.4190, 25.3600,
-30.0960

■ 129.4390, -2.6140,
3.3220

■ 113.6380, 28.9370,
-34.3510

■ 131.2200, -6.1910,
7.5770

■ 111.8570, 32.5140,
-38.6060

■ 133.0010, -9.7680,
11.8320

■ 110.7170, 35.7240,
-41.7160

■ 134.7820,
-13.3450, 16.0870

■ 136.4490,

-16.6010, 20.0310

■ 137.9310,
-20.7740, 24.0740

Harmonies

Analogous

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



124.1860, 25.5390, -5.7970



122.4290, 11.3730, -13.3870



119.8550, -7.5620, -17.1460

Triad

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



122.4290, 11.3730, -13.3870



116.0620, -47.2690, -7.8850



128.0450, 22.4630, 16.9190

Complementary

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



122.4290, 11.3730, -13.3870



92.5710, -11.3730, 13.3870

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.



127.7750, 5.7280, 17.3440



122.4290, 11.3730, -13.3870



121.3290, -34.4790, 2.6170

Square

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



122.4290, 11.3730, -13.3870



114.4010, -44.1500, -14.8540



125.6630, -14.6280, 11.8040



127.2600, 31.8630, 11.7590

Rectangle

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



122.4290, 11.3730, -13.3870



117.9120, -20.9040, -17.6400



125.6630, -14.6280, 11.8040



128.2340, 17.5570, 17.7250

Sweetspot

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



122.4290, 11.3730, -13.3870



163.7630, 4.8610, -5.4990



101.0200, 23.6110, 7.1230



82.5610, 2.6140, -3.3220



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.



122.4290, 11.3730, -13.3870



157.3230, 17.2430, -20.6530



116.4490, -0.5470, -17.6270



62.9030, 1.6510, -2.3890



110.4180, 35.1280, -41.9280



0.0000, 0.0000, 0.0000

Inverse Universe

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



92.5710, -11.3730, 13.3870



111.3780, -17.8390, 20.4410



98.5510, 0.5470, 17.6270



58.0970, -1.6510, 2.3890



17.2830, -35.7240, 41.7160



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 122.4290, 11.3730, -13.3870 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 122.4290, 11.3730, -13.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

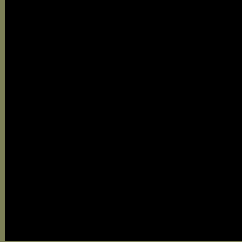
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

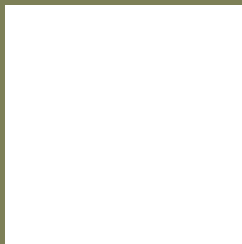
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.4290, 11.3730, -13.3870

Background



This preview shows how black text looks on a background with the YIQ color 122.4290, 11.3730, -13.3870.



This preview shows how white text looks on a background with the YIQ color 122.4290, 11.3730,

-13.3870.

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

122.4290, 11.3730, -13.3870

Protanopia

123.5440, 18.4790, -10.0090

Deuteranopia

124.8380, 26.6390, -3.7050



Tritanopia

125.8310, 2.1540, 5.0180

Trichromacy



Original Color

122.4290, 11.3730, -13.3870

Protanomaly

122.9350, 15.8200, -11.3800

Deuteranomaly

124.0930, 21.3670, -7.2810

Tritanomaly

124.5830, 5.5480, -1.4280

Monochromacy



Original Color

122.4290, 11.3730, -13.3870

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.9910, 4.2190, -4.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.4290, 11.3730, -13.3870 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(125, 128, 87)` looks like.

```
.text, #text, p{  
    color:rgb(125, 128, 87)  
}
```

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(125, 128, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 128, 87) }
```

Border

The CSS property to change the border of an element to YIQ 122.4290, 11.3730, -13.3870 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(125, 128, 87) }
```


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

```
.border{ border-color:rgb(125, 128, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 128, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 128, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 128, 87);  
box-shadow:4px 4px 4px 4px rgb(125, 128,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 122.4290, 11.3730, -13.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 128, 87) }
```

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

```
.background{ background-color: rgb(125,  
128, 87) }
```

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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