

Converting Colors

YIQ(124.8670, 1.3320, -13.1320)

Have a look what the booklet for
YIQ(124.8670, 1.3320, -13.1320)
contains.

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Color

**YIQ(124.8670, 1.3320,
-13.1320)**

Conversions

Conversions Part 1

Format	Color
Hex	768565
RGB	118, 133, 101
RGB Percent	46%, 52%, 40%
CMY	0.5373, 0.4784, 0.6039
CMYK	0.11, 0.00, 0.24, 0.48
HSL	88°, 14%, 46%
HSV	88°, 24%, 52%
XYZ	18.2070, 21.5671, 15.5171
YIQ	124.8670, 1.3320, -13.1320

Conversions

Conversions Part 2

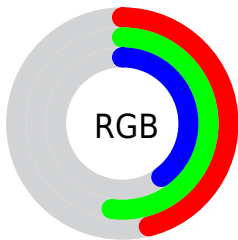
Format	Color
RYB	101, 133, 116
Decimal	7767397
CIELab	53.56, -11.62, 15.47
CIELCh	54, 19.349, 126.906
Yxy	21.5671, 0.3293, 0.3901
Android (android.graphics.Color)	4285957477 (0xFF768565)
YUV	124.8670, -11.7664, -6.0224
Hunter-Lab	46.4403, -11.2894, 12.6976

Details

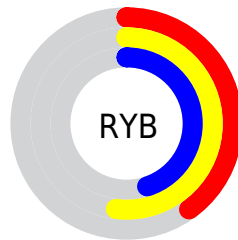
The YIQ color $124.8670, 1.3320, -13.1320$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $109.1330, -1.3320, 13.1320$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $177.3400, 1.3780, -13.9660$, and $75.5080, 0.9650, -11.9870$ is the 20% darker color. If you saturate the color by 10%, you get $121.5910, 1.9290, -18.4470$, and if you desaturate by 10%, it is $128.1430, 0.7350, -7.8170$.

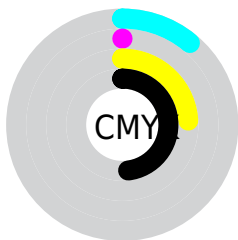
Distribution



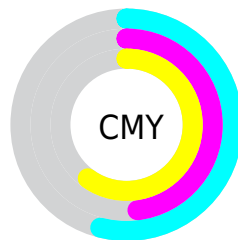
- Red (46%)
- Green (52%)
- Blue (40%)



- Red (40%)
- Yellow (52%)
- Blue (45%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (48%)



- Cyan (54%)
- Magenta (48%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.8670, 1.3320, -13.1320 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 124.8670, 1.3320, -13.1320 by changing the saturation by 10% instead.

■ 124.8670, 1.3320,
-13.1320

■ 124.8670, 1.3320,
-13.1320

■ 255.0000, -0.0000,
-0.0000

■ 99.9810, 1.0110,
-12.8210

■ 177.3400, 1.3780,
-13.9660

■ 75.5080, 0.9650,
-11.9870

■ 205.2260, 1.6990,
-14.2770

■ 52.9210, 1.2400,
-11.4640

■ 233.1120, 2.0200,
-14.5880

■ 31.8070, 1.5610,
-11.7750

■ 252.7200, 6.4200,
-6.2200

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,
0.0000

■ 124.8670, 1.3320,
-13.1320

■ 124.8670, 1.3320,
-13.1320

■ 121.5910, 1.9290,
-18.4470

■ 128.1430, 0.7350,
-7.8170

■ 117.9020, 2.2510,
-24.2850

■ 131.5330, -0.1830,
-2.1910

■ 114.6260, 2.8480,
-29.6000

■ 135.1080, -0.1840,
3.3360

■ 111.3500, 3.4450,
-34.9150

■ 138.3840, -0.7810,
8.6510

■ 108.0740, 4.0420,
-40.2300

■ 141.7740, -1.6990,
14.2770

■ 104.6840, 4.9600,
-45.8560

■ 145.0500, -2.2960,
19.5920

■ 101.1090, 4.9610,
-51.3830

■ 148.6250, -2.2970,
25.1190

■ 99.3000, 5.7410,

■ 151.9010, -2.8940,

-54.5070

30.4340

■ 155.2910, -3.8120,
36.0600

Harmonies

Analogous

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



126.6300, 15.3610, -8.5670



124.8670, 1.3320, -13.1320



122.4290, -14.9900, -14.6860

Triad

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



124.8670, 1.3320, -13.1320



123.5910, -32.4610, -0.9170



130.4810, 23.9310, 12.3390

Complementary

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



124.8670, 1.3320, -13.1320



109.1330, -1.3320, 13.1320

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.



131.0870, 13.4770, 14.5730



124.8670, 1.3320, -13.1320



127.2770, -19.5330, 7.0830

Square

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



124.8670, 1.3320, -13.1320



120.5100, -36.9070, -8.4510



129.9480, -2.2490, 13.2310



129.8310, 28.5170, 6.3170

Rectangle

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



124.8670, 1.3320, -13.1320



121.0950, -25.6730, -13.8090



129.9480, -2.2490, 13.2310



130.7520, 21.7300, 13.6820

Sweetspot

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



124.8670, 1.3320, -13.1320



170.1370, 0.8720, -4.7920



119.3730, 14.9470, -1.0610



85.0060, -0.1370, -3.0250



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



124.8670, 1.3320, -13.1320



160.4230, 2.3420, -20.4260



120.0830, -8.2040, -16.5240



64.4190, 0.1380, -2.5020



96.9410, 5.3740, -53.3620



2.0600, -0.2290, -1.3570

Inverse Universe

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



109.1330, -1.3320, 13.1320



135.8760, -1.7460, 20.6380



113.9170, 8.2040, 16.5240



61.5810, -0.1380, 2.5020



33.0590, -5.3740, 53.3620



0.6410, -0.3670, 1.1450

Previews

White Background



This preview shows how the YIQ color 124.8670, 1.3320, -13.1320 looks on a white background.

Color Contrast Check

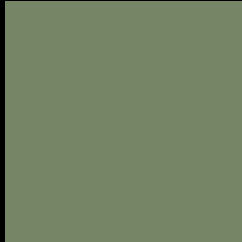
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.8670, 1.3320, -13.1320 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 124.8670, 1.3320, -13.1320

Background



This preview shows how black text looks on a background with the YIQ color 124.8670, 1.3320, -13.1320.



This preview shows how white text looks on a background with the YIQ color 124.8670, 1.3320, -13.1320.

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

124.8670, 1.3320, -13.1320

Protanopia

127.0860, 14.0770, -7.3230

Deuteranopia

128.4940, 21.9160, -0.7080



Tritanopia

127.6450, -6.1900, 2.0500

Trichromacy



Original Color

124.8670, 1.3320, -13.1320

Protanomaly

126.2810, 9.0340, -9.5420

Deuteranomaly

127.4390, 14.5810, -5.4430

Tritanomaly

126.7390, -3.7590, -3.4630

Monochromacy



Original Color

124.8670, 1.3320, -13.1320

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.8380, 0.2760, -5.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.8670, 1.3320, -13.1320 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(118, 133, 101)` looks like.

```
.text, #text, p{  
    color:rgb(118, 133, 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(118, 133, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 133, 101) }
```

Border

The CSS property to change the border of an element to YIQ 124.8670, 1.3320, -13.1320 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(118, 133, 101) }
```


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

```
.border{ border-color:rgb(118, 133, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 133, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 133, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 133, 101);  
box-shadow:4px 4px 4px 4px rgb(118, 133,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 124.8670, 1.3320, -13.1320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 133, 101) }
```

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

```
.background{ background-color: rgb(118,  
133, 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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