

Converting Colors

YIQ(133.9590, -1.9230,
-14.7150)

Have a look what the booklet for
YIQ(133.9590, -1.9230, -14.7150)
contains.

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Color

**YIQ(133.9590, -1.9230,
-14.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	7B906F
RGB	123, 144, 111
RGB Percent	48%, 56%, 44%
CMY	0.5177, 0.4352, 0.5647
CMYK	0.15, 0.00, 0.23, 0.44
HSL	98°, 13%, 50%
HSV	98°, 23%, 56%
XYZ	21.0099, 25.3066, 18.8176
YIQ	133.9590, -1.9230, -14.7150

Conversions

Conversions Part 2

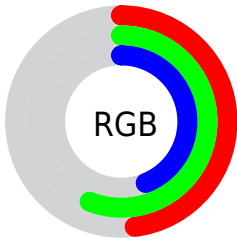
Format	Color
R_{YB}	111, 144, 132
Decimal	8097903
CIE _{Lab}	57.37, -13.94, 15.10
CIE _{LCh}	57, 20.555, 132.717
Yxy	25.3066, 0.3226, 0.3885
Android (android.graphics.Color)	4286287983 (0xFF7B906F)
YUV	133.9590, -11.3188, -9.6110
Hunter-Lab	50.3057, -13.4853, 13.0357

Details

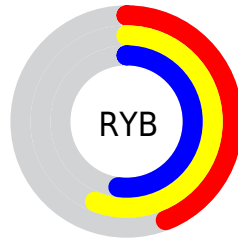
The YIQ color $133.9590, -1.9230, -14.7150$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $121.0410, 1.9230, 14.7150$, and the grayscale version is $134.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $187.4320, -1.8770, -15.5490$, and $84.4860, -1.9690, -13.8810$ is the 20% darker color. If you saturate the color by 10%, you get $129.6720, -2.7930, -20.9770$, and if you desaturate by 10%, it is $138.2460, -1.0530, -8.4530$.

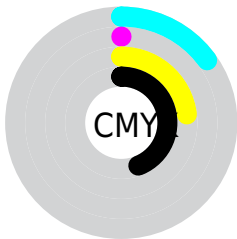
Distribution



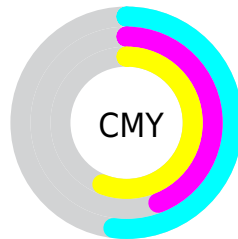
- Red (48%)
- Green (56%)
- Blue (44%)



- Red (44%)
- Yellow (56%)
- Blue (52%)



- Cyan (15%)
- Magenta (0%)
- Yellow (23%)
- Black (44%)



- Cyan (52%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.9590, -1.9230, -14.7150 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 133.9590, -1.9230, -14.7150 by changing the saturation by 10% instead.


 133.9590, -1.9230,
-14.7150


 133.9590, -1.9230,
-14.7150


255.0000, -0.0000,
-0.0000

 108.4860, -1.9690,
-13.8810


 187.4320, -1.8770,
-15.5490

 84.4860, -1.9690,
-13.8810

 215.0190, -2.1520,
-16.0720

 61.0130, -2.0150,
-13.0470

 243.9050, -1.8310,
-16.3830

 38.5400, -2.0610,
-12.2130

 253.9740, 2.8890,
-2.7990

 17.3440, -4.4450,
-13.0610

 0.0000, 0.0000,
0.0000

■ 133.9590, -1.9230,
-14.7150

■ 133.9590, -1.9230,
-14.7150

■ 129.6720, -2.7930,
-20.9770

■ 138.2460, -1.0530,
-8.4530

■ 125.2710, -3.3420,
-27.5500

■ 142.6470, -0.5040,
-1.8800

■ 120.6850, -4.8080,
-34.0240

■ 147.2330, 0.9620,
4.5940

■ 116.2840, -5.3570,
-40.5970

■ 151.6340, 1.5110,
11.1670

■ 111.9970, -6.2270,
-46.8590

■ 155.9210, 2.3810,
17.4290

■ 107.7100, -7.0970,
-53.1210

■ 160.2080, 3.2510,
23.6910

■ 103.3090, -7.6460,
-59.6940

■ 164.6090, 3.8000,
30.2640

■ 100.0760, -8.6080,

■ 168.8960, 4.6700,

-64.2880

36.5260

■ 173.5960, 5.8150,
43.3110

Harmonies

Analogous

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



136.0920, 13.9400, -10.3480



133.9590, -1.9230, -14.7150



131.5640, -19.8040, -15.5480

Triad

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



133.9590, -1.9230, -14.7150



133.7590, -32.8740, 1.0620



140.3350, 27.2780, 12.2540

Complementary

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



133.9590, -1.9230, -14.7150



121.0410, 1.9230, 14.7150

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.



140.8810, 17.0530, 15.8450



133.9590, -1.9230, -14.7150



138.0000, -17.1950, 8.7650

Square

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



133.9590, -1.9230, -14.7150



130.0690, -39.9790, -7.8430



140.4430, 0.7310, 14.2910



139.5600, 30.7180, 4.9740

Rectangle

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



133.9590, -1.9230, -14.7150



130.2300, -30.4870, -14.6710



140.4430, 0.7310, 14.2910



140.7200, 24.7560, 13.9080

Sweetspot

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



133.9590, -1.9230, -14.7150



182.1260, -0.5950, -5.7390



133.1940, 13.8930, -3.9870



92.0060, -0.1370, -3.0250



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



133.9590, -1.9230, -14.7150



170.2050, -2.9760, -23.1680



130.8270, -10.3590, -16.0150



69.0060, -0.1370, -3.0250



93.8960, -7.9210, -60.2170



5.5930, -0.4120, -3.5480

Inverse Universe

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



121.0410, 1.9230, 14.7150



149.7950, 2.9760, 23.1680



124.1730, 10.3590, 16.0150



66.2930, 0.7330, 3.2370



41.1040, 7.9210, 60.2170



2.4070, 0.4120, 3.5480

Previews

White Background



This preview shows how the YIQ color 133.9590, -1.9230, -14.7150 looks on a white background.

Color Contrast Check

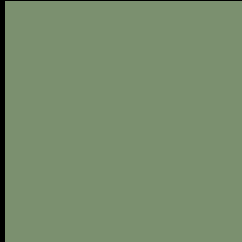
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9590, -1.9230, -14.7150 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 133.9590, -1.9230, -14.7150

Background



This preview shows how black text looks on a background with the YIQ color 133.9590, -1.9230, -14.7150.



This preview shows how white text looks on a background with the YIQ color 133.9590, -1.9230,

-14.7150.

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

133.9590, -1.9230, -14.7150

Protanopia

136.3850, 14.6730, -7.1110

Deuteranopia

137.9070, 22.1910, -0.1850



Tritanopia

137.2640, -9.4910, 1.3010

Trichromacy



Original Color

133.9590, -1.9230, -14.7150

Protanomaly

135.8680, 8.7590, -10.0650

Deuteranomaly

136.2540, 13.6640, -5.3440

Tritanomaly

136.2440, -6.7390, -4.5230

Monochromacy



Original Color

133.9590, -1.9230, -14.7150

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.2400, -0.9160, -5.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.9590, -1.9230, -14.7150 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, 144, 111)` looks like.

```
.text, #text, p{  
    color:rgb(123, 144, 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(123, 144, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 144, 111) }
```

Border

The CSS property to change the border of an element to YIQ 133.9590, -1.9230, -14.7150 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, 144, 111) }
```


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

```
.border{ border-color:rgb(123, 144, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 144, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 144, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 144, 111);  
box-shadow:4px 4px 4px 4px rgb(123, 144,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 133.9590, -1.9230, -14.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 144, 111) }
```

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

```
.background{ background-color: rgb(123,  
144, 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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