

Converting Colors

YIQ(133.8500, 9.1700, -0.9900)

Have a look what the booklet for
YIQ(133.8500, 9.1700, -0.9900)
contains.

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Color

**YIQ(133.8500, 9.1700,
-0.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	8E847A
RGB	142, 132, 122
RGB Percent	56%, 52%, 48%
CMY	0.4431, 0.4824, 0.5215
CMYK	0.00, 0.07, 0.14, 0.44
HSL	30°, 8%, 52%
HSV	30°, 14%, 56%
XYZ	22.9203, 23.6580, 21.7744
YIQ	133.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

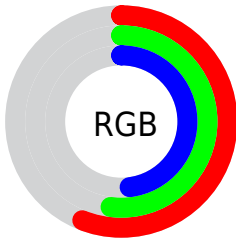
Format	Color
R_{YB}	142, 142, 122
Decimal	9340026
CIE _{Lab}	55.74, 1.98, 6.74
CIE _{LCh}	56, 7.023, 73.647
Yxy	23.6580, 0.3353, 0.3461
Android (android.graphics.Color)	4287530106 (0xFF8E847A)
YUV	133.8500, -5.8420, 7.1476
Hunter-Lab	48.6395, -1.0047, 7.5053

Details

The YIQ color $133.8500, 9.1700, -0.9900$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $130.1500, -9.1700, 0.9900$, and the grayscale version is $134.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $187.0350, 10.0870, -1.0890$, and $84.5510, 8.5740, -1.2020$ is the 20% darker color. If you saturate the color by 10%, you get $128.1450, 15.5890, -1.6830$, and if you desaturate by 10%, it is $139.5550, 2.7510, -0.2970$.

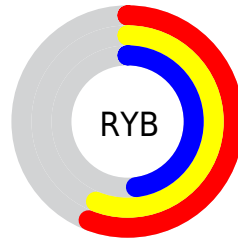
Distribution



Red (56%)

Green (52%)

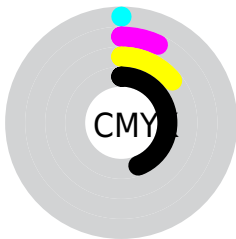
Blue (48%)



Red (56%)

Yellow (56%)

Blue (48%)

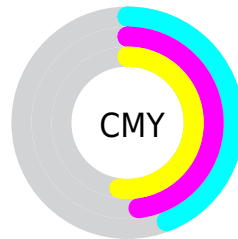


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (44%)



Cyan (44%)

Magenta (48%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.8500, 9.1700, -0.9900 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 133.8500, 9.1700, -0.9900 by changing the saturation by 10% instead.

■ 133.8500, 9.1700,
-0.9900

■ 133.8500, 9.1700,
-0.9900

■ 255.0000, -0.0000,
-0.0000

■ 108.5510, 8.5740,
-1.2020

■ 187.0350, 10.0870,
-1.0890

■ 84.5510, 8.5740,
-1.2020

■ 215.0350, 10.0870,
-1.0890

■ 61.3660, 7.6570,
-1.1030

■ 243.0350, 10.0870,
-1.0890

■ 39.4800, 7.3360,
-0.7920

■ 18.3230, 9.2160,
-1.8240

■ 0.0000, 0.0000,
0.0000

■ 133.8500, 9.1700,
-0.9900

■ 133.8500, 9.1700,
-0.9900

■ 128.1450, 15.5890,
-1.6830

■ 139.5550, 2.7510,
-0.2970

■ 122.4400, 22.0080,
-2.3760

■ 145.2600, -3.6680,
0.3960

■ 116.6210, 28.7480,
-3.3800

■ 151.0790,
-10.4080, 1.4000

■ 110.9160, 35.1670,
-4.0730

■ 156.7840,
-16.8270, 2.0930

■ 104.6240, 41.8610,
-4.2430

■ 163.0760,
-23.5210, 2.2630

■ 98.9190, 48.2800,
-4.9360

■ 168.7810,
-29.9400, 2.9560

■ 93.2140, 54.6990,
-5.6290

■ 174.4860,
-36.3590, 3.6490

■ 87.3950, 61.4390,

■ 180.3050,

-6.6330

-43.0990, 4.6530

■ 84.1350, 65.1070,
-7.0290

■ 186.0100,
-49.5180, 5.3460

Harmonies

Analogous

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



134.2140, 11.1410, 1.8370



133.8500, 9.1700, -0.9900



133.2300, 5.0440, -3.3080

Triad

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



133.8500, 9.1700, -0.9900



131.5040, -10.4070, -4.1270



134.3470, 0.6410, 4.9050

Complementary

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



133.8500, 9.1700, -0.9900



130.1500, -9.1700, 0.9900

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.



133.7700, -5.0440, 3.3080



133.8500, 9.1700, -0.9900



132.1880, -12.3330, -2.2610

Square

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



133.8500, 9.1700, -0.9900



131.7170, -6.6930, -5.3570



132.8510, -9.7660, 0.7780



134.9840, 6.0970, 5.1450

Rectangle

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



133.8500, 9.1700, -0.9900



132.4360, 1.4680, -4.5800



132.8510, -9.7660, 0.7780



134.5640, -1.4680, 4.5800

Sweetspot

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



133.8500, 9.1700, -0.9900



180.7400, 3.6680, -0.3960



129.1200, 8.7100, 7.3500



90.2560, 2.1550, -0.5090



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



133.8500, 9.1700, -0.9900



170.9600, 14.6720, -1.5840



139.7200, 6.4200, -6.2200



68.4410, 3.0720, -0.6080



80.2810, 61.7600, -6.9440



4.7400, 3.6680, -0.3960

Inverse Universe

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



130.1500, -9.1700, 0.9900



165.0400, -14.6720, 1.5840



124.2800, -6.4200, 6.2200



67.1460, -3.3470, 0.0850



55.3060, -62.0350, 6.4210



3.2600, -3.6680, 0.3960

Previews

White Background



This preview shows how the YIQ color 133.8500, 9.1700, -0.9900 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 133.8500, 9.1700, -0.9900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

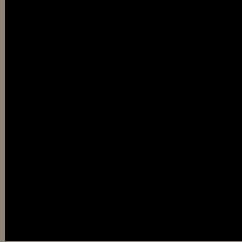
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.8500, 9.1700, -0.9900

Background



This preview shows how black text looks on a background with the YIQ color 133.8500, 9.1700, -0.9900.



This preview shows how white text looks on a background with the YIQ color 133.8500, 9.1700,

-0.9900.

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

133.8500, 9.1700, -0.9900

Protanopia

133.6540, 6.7860, -1.8380

Deuteranopia

134.8940, 15.0380, 2.7980



Tritanopia

134.7390, 5.4090, 6.6010

Trichromacy



Original Color

133.8500, 9.1700, -0.9900

Protanomaly

133.9530, 7.3820, -1.6260

Deuteranomaly

134.5840, 12.9750, 1.6390

Tritanomaly

134.2290, 6.7850, 3.6890

Monochromacy



Original Color

133.8500, 9.1700, -0.9900

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.8540, 3.3470, -0.0850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.8500, 9.1700, -0.9900 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(142, 132, 122)` looks like.

```
.text, #text, p{  
    color:rgb(142, 132, 122)  
}
```

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(142, 132, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 132, 122) }
```

Border

The CSS property to change the border of an element to YIQ 133.8500, 9.1700, -0.9900 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(142, 132, 122) }
```


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

```
.border{ border-color:rgb(142, 132, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 132, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 132, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 132, 122);  
box-shadow:4px 4px 4px 4px rgb(142, 132,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 133.8500, 9.1700, -0.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 132, 122) }
```

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

```
.background{ background-color: rgb(142,  
132, 122) }
```

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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