

Converting Colors

YIQ(133.7810, 67.4850, 26.9810)

Have a look what the booklet for
YIQ(133.7810, 67.4850, 26.9810)
contains.

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Color

**YIQ(133.7810, 67.4850,
26.9810)**

Conversions

Conversions Part 1

Format	Color
Hex	D76269
RGB	215, 98, 105
RGB Percent	84%, 38%, 41%
CMY	0.1566, 0.6159, 0.5880
CMYK	0.00, 0.54, 0.51, 0.16
HSL	356°, 59%, 61%
HSV	356°, 54%, 84%
XYZ	34.9618, 24.2055, 16.2121
YIQ	133.7810, 67.4850, 26.9810

Conversions

Conversions Part 2

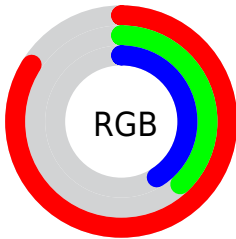
Format	Color
R_{YB}	215, 98, 105
Decimal	14115433
CIE _{Lab}	56.29, 46.64, 18.64
CIE _{LCh}	56, 50.231, 21.781
Yxy	24.2055, 0.4638, 0.3211
Android (android.graphics.Color)	4292305513 (0xFFD76269)
YUV	133.7810, -14.1890, 71.2291
Hunter-Lab	49.1990, 40.7474, 14.9021

Details

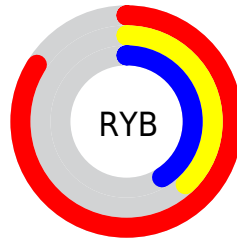
The YIQ color **133.7810, 67.4850, 26.9810** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **179.2190, -67.4850, -26.9810**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.2530, 60.1040, 23.0800**, and **79.0840, 62.2580, 28.0980** is the 20% darker color. If you saturate the color by 10%, you get **118.5870, 79.9550, 32.2670**, and if you desaturate by 10%, it is **148.3880, 55.2900, 22.2180**.

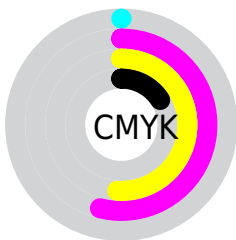
Distribution



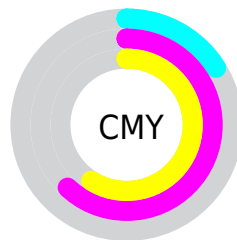
- Red (84%)
- Green (38%)
- Blue (41%)



- Red (84%)
- Yellow (38%)
- Blue (41%)



- Cyan (0%)
- Magenta (54%)
- Yellow (51%)
- Black (16%)





- Cyan (16%)
- Magenta (62%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.7810, 67.4850, 26.9810 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 133.7810, 67.4850, 26.9810 by changing the saturation by 10% instead.


 133.7810, 67.4850,
26.9810


 133.7810, 67.4850,
26.9810


255.0000, -0.0000,
-0.0000


 106.2260, 64.7340,
27.2780


 183.2530, 60.1040,
23.0800


 79.0840, 62.2580,
28.0980


 202.7670, 43.7370,
16.8330


 48.3490, 60.1940,
32.4660

 222.3950, 27.0490,
10.8970

 31.1260, 53.2720,
25.7520

 242.6100, 10.0860,
4.4380

 20.9300, 41.7200,
14.8400

 12.9710, 25.3070,
9.4270

 0.0000, 0.0000,

0.0000

■ 133.7810, 67.4850,
26.9810

■ 133.7810, 67.4850,
26.9810

■ 118.5870, 79.9550,
32.2670

■ 148.3880, 55.2900,
22.2180

■ 103.9800, 92.1500,
37.0300

■ 163.5820, 42.8200,
16.9320

■ 88.6720, 104.9410,
42.0050

■ 178.3030, 30.3040,
12.4800

■ 74.0650, 117.1360,
46.7680

■ 193.4970, 17.8340,
7.1940

■ 65.7670, 123.9670,
49.6230

■ 208.1040, 5.6390,
2.4310

■ 223.2980, -6.8310,
-2.8550

■ 238.4920,
-19.3010, -8.1410

■ 243.0400,
-23.8400, -8.4800

Harmonies

Analogous

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



136.4160, 50.0600, 39.9160



133.7810, 67.4850, 26.9810



133.1820, 66.8930, 4.6610

Triad

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



133.7810, 67.4850, 26.9810



119.6550, -22.4590, -39.0270



109.1350, -110.2660, -6.0580

Complementary

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



133.7810, 67.4850, 26.9810



179.2190, -67.4850, -26.9810

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.



112.9530, -107.2380, -16.8860



133.7810, 67.4850, 26.9810



105.3660, -81.7410, -43.9570

Square

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



133.7810, 67.4850, 26.9810



127.0980, 21.8300, -32.2020



110.4960, -96.1860, -29.9620



134.4440, -35.4000, 24.8240

Rectangle

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



133.7810, 67.4850, 26.9810



131.9060, 58.3220, -10.7180



110.4960, -96.1860, -29.9620



111.1410, -110.4030, -9.0830

Sweetspot

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



133.7810, 67.4850, 26.9810



226.6010, 23.4730, 9.6250



143.9290, 27.4070, 59.4950



110.7030, 14.2580, 5.9220



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



133.7810, 67.4850, 26.9810



139.7740, 95.7260, 38.3020



162.9200, 55.7070, -1.8690



99.4030, 6.2350, 2.6430



52.2690, 98.7060, 39.3620



13.1990, 24.6650, 10.0490

Inverse Universe

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



133.7810, 67.4850, 26.9810



139.7740, 95.7260, 38.3020



150.0800, -55.7070, 1.8690



99.4030, 6.2350, 2.6430



52.2690, 98.7060, 39.3620



13.1990, 24.6650, 10.0490

Previews

White Background



This preview shows how the YIQ color 133.7810, 67.4850, 26.9810 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 133.7810, 67.4850, 26.9810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

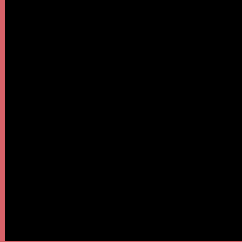
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.7810, 67.4850, 26.9810

Background



This preview shows how black text looks on a background with the YIQ color 133.7810, 67.4850, 26.9810.



This preview shows how white text looks on a background with the YIQ color 133.7810, 67.4850,

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

133.7810, 67.4850, 26.9810

Protanopia

135.4260, 7.4280, -2.4600

Deuteranopia

135.5500, 27.5100, -2.9700



Tritanopia

133.7810, 67.4850, 26.9810

Trichromacy



Original Color

133.7810, 67.4850, 26.9810

Protanomaly

135.0700, 29.3420, 7.8860

Deuteranomaly

134.7140, 42.0880, 8.1680

Tritanomaly

133.7810, 67.4850, 26.9810

Monochromacy



Original Color

133.7810, 67.4850, 26.9810

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.7860, 24.3900, 9.5260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.7810, 67.4850, 26.9810 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(215, 98, 105)` looks like.

```
.text, #text, p{  
    color:rgb(215, 98, 105)  
}
```

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(215, 98, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 98, 105) }
```

Border

The CSS property to change the border of an element to YIQ 133.7810, 67.4850, 26.9810 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(215, 98, 105) }
```


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

```
.border{ border-color:rgb(215, 98, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 98, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 98, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 98, 105); box-shadow:4px 4px 4px 4px rgb(215, 98, 105) }
```

Background

The CSS property to change the background color of an element to YIQ 133.7810, 67.4850, 26.9810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 98, 105) }
```

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

```
.background{ background-color: rgb(215, 98,  
105) }
```

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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