

Converting Colors

YIQ(126.8100, 14.6740,
-12.6380)

Have a look what the booklet for
YIQ(126.8100, 14.6740, -12.6380)
contains.

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Color

**YIQ(126.8100, 14.6740,
-12.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	858359
RGB	133, 131, 89
RGB Percent	52%, 51%, 35%
CMY	0.4785, 0.4863, 0.6509
CMYK	0.00, 0.01, 0.33, 0.48
HSL	57°, 20%, 44%
HSV	57°, 33%, 52%
XYZ	19.5923, 21.9401, 12.6585
YIQ	126.8100, 14.6740, -12.6380

Conversions

Conversions Part 2

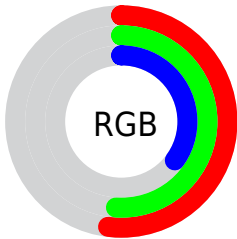
Format	Color
R_{YB}	91, 133, 89
Decimal	8749913
CIE _{Lab}	53.96, -6.21, 23.01
CIE _{LCh}	54, 23.836, 105.091
Yxy	21.9401, 0.3615, 0.4049
Android (android.graphics.Color)	4286939993 (0xFF858359)
YUV	126.8100, -18.6403, 5.4286
Hunter-Lab	46.8403, -7.3076, 16.7651

Details

The YIQ color **126.8100, 14.6740, -12.6380** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **95.1900, -14.6740, 12.6380**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.7670, 16.2330, -13.3590**, and **77.8530, 13.1150, -11.9170** is the 20% darker color. If you saturate the color by 10%, you get **124.7410, 19.1220, -16.1580**, and if you desaturate by 10%, it is **128.8790, 10.2260, -9.1180**.

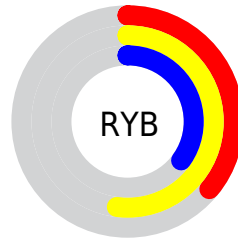
Distribution



Red (52%)

Green (51%)

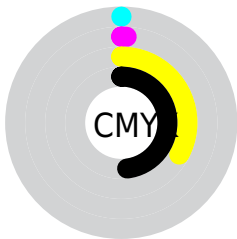
Blue (35%)



Red (36%)

Yellow (52%)

Blue (35%)

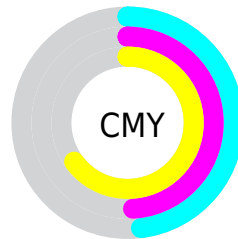


Cyan (0%)

Magenta (1%)

Yellow (33%)

Black (48%)



Cyan (48%)

Magenta (49%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.8100, 14.6740, -12.6380 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 126.8100, 14.6740, -12.6380 by changing the saturation by 10% instead.

■ 126.8100, 14.6740,
-12.6380

■ 126.8100, 14.6740,
-12.6380

■ 255.0000, -0.0000,
-0.0000

■ 101.6250, 13.7570,
-12.5390

■ 179.7670, 16.2330,
-13.3590

■ 77.8530, 13.1150,
-11.9170

■ 207.6530, 16.5540,
-13.6700

■ 54.6680, 12.1980,
-11.8180

■ 235.5390, 16.8750,
-13.9810

■ 32.7820, 11.8770,
-11.5070

■ 251.1240, 10.9140,
-10.5740

■ 11.7730, -1.0990,
-7.6190

■ 254.4300, 1.6050,
-1.5550

■ 0.0000, 0.0000,
0.0000

■ 126.8100, 14.6740,
-12.6380

■ 126.8100, 14.6740,
-12.6380

■ 124.7410, 19.1220,
-16.1580

■ 128.8790, 10.2260,
-9.1180

■ 123.1450, 23.6160,
-20.5120

■ 130.4750, 5.7320,
-4.7640

■ 121.0760, 28.0640,
-24.0320

■ 132.5440, 1.2840,
-1.2440

■ 119.5940, 32.2370,
-28.0750

■ 134.0260, -2.8890,
2.7990

■ 117.5250, 36.6850,
-31.5950

■ 136.2090, -7.6580,
6.6300

■ 115.3420, 41.4540,
-35.4260

■ 138.2780,
-12.1060, 10.1500

■ 114.3160, 44.3430,
-38.2250

■ 139.7600,
-16.2790, 14.1930

■ 141.8290,

-20.7270, 17.7130

■ 143.4250,
-25.2210, 22.0670

Harmonies

Analogous

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



128.7950, 28.1980, -4.4260



126.8100, 14.6740, -12.6380



124.0080, -3.6190, -17.0190

Triad

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



126.8100, 14.6740, -12.6380



118.6380, -49.0110, -9.3550



132.2020, 20.5830, 17.9510

Complementary

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



126.8100, 14.6740, -12.6380



95.1900, -14.6740, 12.6380

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.



131.8070, 2.7020, 17.1180



126.8100, 14.6740, -12.6380



124.1220, -38.3300, 0.8220

Square

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



126.8100, 14.6740, -12.6380



118.0590, -43.1870, -15.7870



128.9830, -18.5250, 10.8430



131.3140, 31.7710, 13.4270

Rectangle

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



126.8100, 14.6740, -12.6380



122.3530, -17.8320, -18.2480



128.9830, -18.5250, 10.8430



132.0920, 15.0810, 18.5450

Sweetspot

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



126.8100, 14.6740, -12.6380



171.0620, 5.4570, -5.2870



102.3840, 25.5820, 9.9500



85.1590, 3.8060, -2.8980



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.



126.8100, 14.6740, -12.6380



163.3730, 22.9740, -19.8900



122.0040, 2.2040, -17.9240



65.3160, 1.9260, -1.8660



111.6580, 43.3800, -37.2920



2.0710, 1.2380, -0.4100

Inverse Universe

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



95.1900, -14.6740, 12.6380



113.6270, -22.9740, 19.8900



99.9960, -2.2040, 17.9240



60.6840, -1.9260, 1.8660



18.3420, -43.3800, 37.2920



0.3420, -0.9630, 0.9330

Previews

White Background



This preview shows how the YIQ color 126.8100, 14.6740, -12.6380 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 126.8100, 14.6740, -12.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

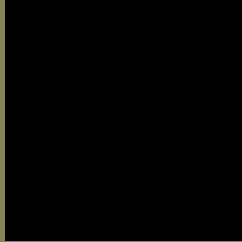
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

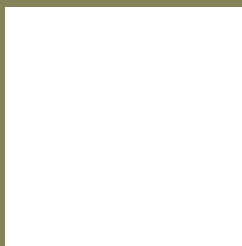
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 126.8100, 14.6740, -12.6380

Background



This preview shows how black text looks on a background with the YIQ color 126.8100, 14.6740, -12.6380.



This preview shows how white text looks on a background with the YIQ color 126.8100, 14.6740, -12.6380.

-12.6380.

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

126.8100, 14.6740, -12.6380

Protanopia

127.6150, 19.7170, -10.4190

Deuteranopia

128.6210, 28.7480, -3.3800



Tritanopia

130.0270, 4.5380, 5.8660

Trichromacy



Original Color

126.8100, 14.6740, -12.6380

Protanomaly

127.3050, 17.6540, -11.5780

Deuteranomaly

127.8760, 23.4760, -6.9560

Tritanomaly

128.6650, 8.2530, -0.8910

Monochromacy



Original Color

126.8100, 14.6740, -12.6380

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.5890, 5.4110, -4.4530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.8100, 14.6740, -12.6380 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(133, 131, 89)` looks like.

```
.text, #text, p{  
    color:rgb(133, 131, 89)  
}
```

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(133, 131, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 131, 89) }
```

Border

The CSS property to change the border of an element to YIQ 126.8100, 14.6740, -12.6380 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(133, 131, 89) }
```


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

```
.border{ border-color:rgb(133, 131, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 131, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(133, 131, 89); -webkit-box-shadow:4px 4px 4px 4px rgb(133, 131, 89); box-shadow:4px 4px 4px 4px rgb(133, 131, 89) }
```

Background

The CSS property to change the background color of an element to YIQ 126.8100, 14.6740, -12.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 131, 89) }
```

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

```
.background{ background-color: rgb(133,  
131, 89) }
```

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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