

Converting Colors

YIQ(119.6850, 13.5280,
-13.8960)

Have a look what the booklet for
YIQ(119.6850, 13.5280, -13.8960)
contains.

| | |
|--|----|
| YIQ(119.6850, 13.5280, -13.8960) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(119.6850, 13.5280,
-13.8960)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7C7D51 |
| RGB | 124, 125, 81 |
| RGB Percent | 49%, 49%, 32% |
| CMY | 0.5138, 0.5098, 0.6823 |
| CMYK | 0.01, 0.00, 0.35, 0.51 |
| HSL | 61°, 21%, 40% |
| HSV | 61°, 35%, 49% |
| XYZ | 17.1308, 19.5462, 10.6589 |
| YIQ | 119.6850, 13.5280, -13.8960 |

Conversions

Conversions Part 2

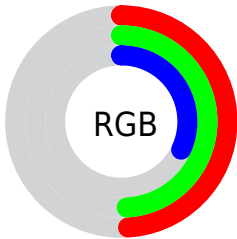
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 81, 125, 82 |
| Decimal | 8158545 |
| CIE Lab | 51.32, -7.74, 23.89 |
| CIE LCh | 51, 25.117, 107.949 |
| Yxy | 19.5462, 0.3619, 0.4129 |
| Android (android.graphics.Color) | 4286348625 (0xFF7C7D51) |
| YUV | 119.6850, -19.0717, 3.7843 |
| Hunter-Lab | 44.2111, -8.2049, 16.6535 |

Details

The YIQ color **119.6850, 13.5280, -13.8960** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **86.3150, -13.5280, 13.8960**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.3430, 14.4910, -14.8290**, and **70.7280, 11.9690, -13.1750** is the 20% darker color. If you saturate the color by 10%, you get **118.3170, 17.3800, -17.6280**, and if you desaturate by 10%, it is **121.1670, 9.3550, -9.8530**.

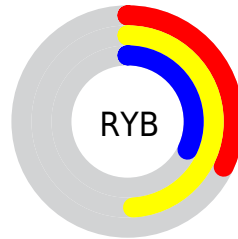
Distribution



Red (49%)

Green (49%)

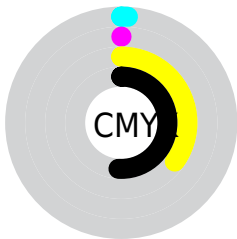
Blue (32%)



Red (32%)

Yellow (49%)

Blue (32%)

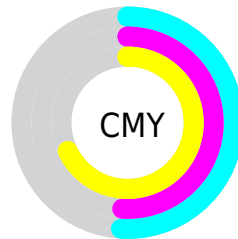


Cyan (1%)

Magenta (0%)

Yellow (35%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.6850, 13.5280, -13.8960 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 119.6850, 13.5280, -13.8960 by changing the saturation by 10% instead.

■ 119.6850, 13.5280,
-13.8960

■ 119.6850, 13.5280,
-13.8960

■ 255.0000, -0.0000,
-0.0000

■ 94.9130, 12.8860,
-13.2740

■ 172.3430, 14.4910,
-14.8290

■ 70.7280, 11.9690,
-13.1750

■ 199.5280, 15.4080,
-14.9280

■ 48.5430, 11.0520,
-13.0760

■ 227.4140, 15.7290,
-15.2390

■ 27.7540, 9.0800,
-10.3760

■ 250.0980, 13.8030,
-13.3730

■ 5.2830, -2.4750,
-4.7070

■ 253.2900, 4.8150,
-4.6650

■ 0.0000, 0.0000,
0.0000

■ 119.6850, 13.5280,
-13.8960

■ 119.6850, 13.5280,
-13.8960

■ 118.3170, 17.3800,
-17.6280

■ 121.1670, 9.3550,
-9.8530

■ 116.5360, 20.9570,
-21.8830

■ 122.8340, 6.0990,
-5.9090

■ 115.1680, 24.8090,
-25.6150

■ 124.3160, 1.9260,
-1.8660

■ 113.6860, 28.9820,
-29.6580

■ 125.6840, -1.9260,
1.8660

■ 112.3180, 32.8340,
-33.3900

■ 127.1660, -6.0990,
5.9090

■ 110.5370, 36.4110,
-37.6450

■ 128.8330, -9.3550,
9.8530

■ 109.8530, 38.3370,
-39.5110

■ 130.3150,
-13.5280, 13.8960

■ 131.6830,

-17.3800, 17.6280

■ 133.4640,
-20.9570, 21.8830

Harmonies

Analogous

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



121.8550, 27.9690, -5.7830



119.6850, 13.5280, -13.8960



116.8120, -6.0030, -17.8670

Triad

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



119.6850, 13.5280, -13.8960



111.0720, -53.2290, -10.0050



125.3980, 22.9670, 18.7990

Complementary

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



119.6850, 13.5280, -13.8960



86.3150, -13.5280, 13.8960

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.



125.1170, 4.7650, 18.2770



119.6850, 13.5280, -13.8960



117.1650, -39.8890, 1.5430

Square

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



119.6850, 13.5280, -13.8960



109.8950, -48.5970, -16.8610



122.8090, -17.9750, 11.8890



124.6840, 33.6050, 13.2290

Rectangle

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



119.6850, 13.5280, -13.8960



114.8580, -20.8120, -19.3080



122.8090, -17.9750, 11.8890



125.2880, 17.4650, 19.3930

Sweetspot

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



119.6850, 13.5280, -13.8960



160.9480, 5.7780, -5.5980



94.7430, 25.9490, 8.8050



80.4470, 2.9350, -3.6330



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



119.6850, 13.5280, -13.8960



154.9490, 21.2320, -21.3600



113.1070, 0.4160, -18.5600



63.2020, 2.2470, -2.1770



112.5110, 39.3000, -40.4440



0.0000, 0.0000, 0.0000

Inverse Universe

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



86.3150, -13.5280, 13.8960



103.0510, -21.2320, 21.3600



92.8930, -0.4160, 18.5600



58.0970, -1.6510, 2.3890



15.4890, -39.3000, 40.4440



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 119.6850, 13.5280, -13.8960 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 119.6850, 13.5280, -13.8960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

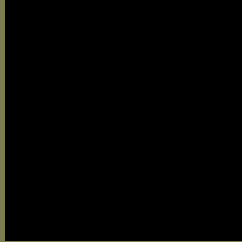
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.6850, 13.5280, -13.8960

Background



This preview shows how black text looks on a background with the YIQ color 119.6850, 13.5280, -13.8960.



This preview shows how white text looks on a background with the YIQ color 119.6850, 13.5280,

-13.8960.

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

119.6850, 13.5280, -13.8960

Protanopia

120.5010, 20.0380, -10.7300

Deuteranopia

121.7950, 28.1980, -4.4260



Tritanopia

123.4290, 3.3460, 5.4420

Trichromacy



Original Color

119.6850, 13.5280, -13.8960

Protanomaly

120.1910, 17.9750, -11.8890

Deuteranomaly

121.0500, 22.9260, -8.0020

Tritanomaly

122.0670, 7.0610, -1.3150

Monochromacy



Original Color

119.6850, 13.5280, -13.8960

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.8770, 4.5400, -5.1880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.6850, 13.5280, -13.8960 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(124, 125, 81)` looks like.

```
.text, #text, p{  
    color:rgb(124, 125, 81)  
}
```

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(124, 125, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 125, 81) }
```

Border

The CSS property to change the border of an element to YIQ 119.6850, 13.5280, -13.8960 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(124, 125, 81) }
```


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

```
.border{ border-color:rgb(124, 125, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 125, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 125, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 125, 81);  
box-shadow:4px 4px 4px 4px rgb(124, 125,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 119.6850, 13.5280, -13.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 125, 81) }
```

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

```
.background{ background-color: rgb(124,  
125, 81) }
```

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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