

Converting Colors

YIQ(135.7570, 4.9980, -2.4740)

Have a look what the booklet for
YIQ(135.7570, 4.9980, -2.4740)
contains.

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Color

**YIQ(135.7570, 4.9980,
-2.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	8B887E
RGB	139, 136, 126
RGB Percent	55%, 53%, 49%
CMY	0.4549, 0.4667, 0.5059
CMYK	0.00, 0.02, 0.09, 0.45
HSL	46°, 5%, 52%
HSV	46°, 9%, 55%
XYZ	23.2178, 24.6035, 23.2663
YIQ	135.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

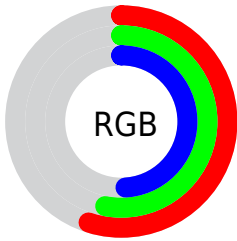
Format	Color
RYB	130, 139, 126
Decimal	9144446
CIELab	56.69, -0.75, 5.75
CIElCh	57, 5.802, 97.406
Yxy	24.6035, 0.3266, 0.3461
Android (android.graphics.Color)	4287334526 (0xFF8B887E)
YUV	135.7570, -4.8102, 2.8441
Hunter-Lab	49.6019, -3.2504, 6.9107

Details

The YIQ color $135.7570, 4.9980, -2.4740$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $129.2430, -4.9980, 2.4740$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $188.7570, 4.9980, -2.4740$, and $85.8710, 4.6770, -2.1630$ is the 20% darker color. If you saturate the color by 10%, you get $132.4000, 10.3170, -5.2590$, and if you desaturate by 10%, it is $139.1140, -0.3210, 0.3110$.

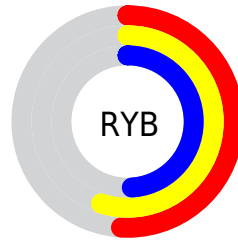
Distribution



Red (55%)

Green (53%)

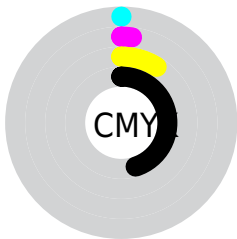
Blue (49%)



Red (51%)

Yellow (55%)

Blue (49%)

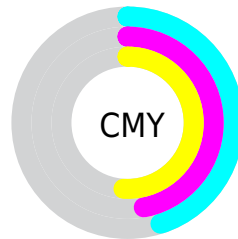


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (45%)



Cyan (45%)

Magenta (47%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.7570, 4.9980, -2.4740 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 135.7570, 4.9980, -2.4740 by changing the saturation by 10% instead.

■ 135.7570, 4.9980,
-2.4740

■ 135.7570, 4.9980,
-2.4740

■ 255.0000, -0.0000,
-0.0000

■ 110.7570, 4.9980,
-2.4740

■ 188.7570, 4.9980,
-2.4740

■ 85.8710, 4.6770,
-2.1630

■ 216.6430, 5.3190,
-2.7850

■ 62.8710, 4.6770,
-2.1630

■ 244.9420, 5.9150,
-2.5730

■ 40.6860, 3.7600,
-2.0640

■ 20.3440, 4.7230,
-2.9970

■ 0.0000, 0.0000,
0.0000

■ 135.7570, 4.9980,
-2.4740

■ 135.7570, 4.9980,
-2.4740

■ 132.4000, 10.3170,
-5.2590

■ 139.1140, -0.3210,
0.3110

■ 129.0430, 15.6360,
-8.0440

■ 142.4710, -5.6400,
3.0960

■ 125.0990, 21.2300,
-10.3060

■ 146.4150,
-11.2340, 5.3580

■ 121.7420, 26.5490,
-13.0910

■ 149.7720,
-16.5530, 8.1430

■ 118.4990, 31.5470,
-15.5650

■ 153.1290,
-21.8720, 10.9280

■ 115.1420, 36.8660,
-18.3500

■ 156.3720,
-26.8700, 13.4020

■ 111.7850, 42.1850,
-21.1350

■ 159.7290,
-32.1890, 16.1870

■ 107.8410, 47.7790,

■ 163.6730,

-23.3970

-37.7830, 18.4490

■ 104.4840, 53.0980,
-26.1820

■ 167.0300,
-43.1020, 21.2340

Harmonies

Analogous

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



136.1920, 8.2070, -0.0570



135.7570, 4.9980, -2.4740



135.3650, 0.2300, -4.1700

Triad

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



135.7570, 4.9980, -2.4740



134.8570, -9.9030, -2.2470



137.0870, 4.3090, 4.5090

Complementary

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



135.7570, 4.9980, -2.4740



129.2430, -4.9980, 2.4740

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.



136.6350, -0.2300, 4.1700



135.7570, 4.9980, -2.4740



135.5090, -8.8030, -0.1550

Square

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



135.7570, 4.9980, -2.4740



134.2870, -8.2980, -3.8020



135.9440, -5.5940, 2.2620



137.4140, 7.7020, 3.5900

Rectangle

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



135.7570, 4.9980, -2.4740



134.3970, -2.7960, -4.3960



135.9440, -5.5940, 2.2620



136.6030, 2.7960, 4.3960

Sweetspot

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



135.7570, 4.9980, -2.4740



179.8430, 1.8800, -1.0320



130.2290, 6.7850, 3.6890



90.9570, 1.5590, -0.7210



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.



135.7570, 4.9980, -2.4740



175.7850, 7.7950, -3.6050



136.6210, 2.3850, -4.6790



67.0280, 2.7970, -1.1310



99.6410, 51.2180, -25.1500



3.8430, 1.8800, -1.0320

Inverse Universe

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



129.2430, -4.9980, 2.4740



166.2150, -7.7950, 3.6050



128.3790, -2.3850, 4.6790



63.9720, -2.7970, 1.1310



33.3590, -51.2180, 25.1500



1.1570, -1.8800, 1.0320

Previews

White Background



This preview shows how the YIQ color 135.7570, 4.9980, -2.4740 looks on a white background.

Color Contrast Check

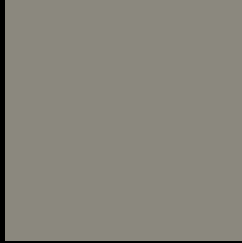
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7570, 4.9980, -2.4740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

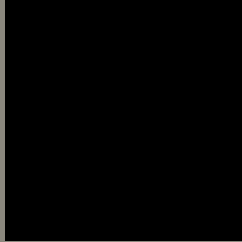
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.7570, 4.9980, -2.4740

Background



This preview shows how black text looks on a background with the YIQ color 135.7570, 4.9980, -2.4740.



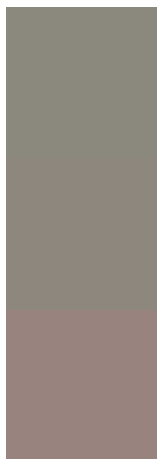
This preview shows how white text looks on a background with the YIQ color 135.7570, 4.9980,

-2.4740.

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

135.7570, 4.9980, -2.4740

Protanopia

135.7680, 6.4650, -1.5270

Deuteranopia

136.8230, 13.8000, 3.2080



Tritanopia

136.9450, 1.8330, 5.3290

Trichromacy



Original Color

135.7570, 4.9980, -2.4740

Protanomaly

135.4690, 5.8690, -1.7390

Deuteranomaly

136.5020, 10.2700, 1.1020

Tritanomaly

136.4350, 3.2090, 2.4170

Monochromacy



Original Color

135.7570, 4.9980, -2.4740

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.8430, 1.8800, -1.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.7570, 4.9980, -2.4740 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(139, 136, 126)` looks like.

```
.text, #text, p{  
    color:rgb(139, 136, 126)  
}
```

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(139, 136, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 136, 126) }
```

Border

The CSS property to change the border of an element to YIQ 135.7570, 4.9980, -2.4740 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(139, 136, 126) }
```


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

```
.border{ border-color:rgb(139, 136, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 136, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 136, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 136, 126);  
box-shadow:4px 4px 4px 4px rgb(139, 136,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 135.7570, 4.9980, -2.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 136, 126) }
```

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

```
.background{ background-color: rgb(139,  
136, 126) }
```

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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