

Converting Colors

YIQ(135.9840, -12.2390,
-14.9830)

Have a look what the booklet for
YIQ(135.9840, -12.2390, -14.9830)
contains.

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Color

**YIQ(135.9840, -12.2390,
-14.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	73957C
RGB	115, 149, 124
RGB Percent	45%, 58%, 49%
CMY	0.5491, 0.4156, 0.5137
CMYK	0.23, 0.00, 0.17, 0.42
HSL	136°, 14%, 52%
HSV	136°, 23%, 58%
XYZ	21.4543, 26.5976, 23.0694
YIQ	135.9840, -12.2390, -14.9830

Conversions

Conversions Part 2

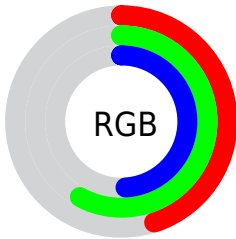
Format	Color
R_{YB}	115, 142, 149
Decimal	7574908
CIE _{Lab}	58.60, -17.12, 9.39
CIE _{LCh}	59, 19.523, 151.251
Yxy	26.5976, 0.3017, 0.3740
Android (android.graphics.Color)	4285764988 (0xFF73957C)
YUV	135.9840, -5.9081, -18.4030
Hunter-Lab	51.5729, -15.9965, 9.5796

Details

The YIQ color $135.9840, -12.2390, -14.9830$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $128.0160, 12.2390, 14.9830$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $189.2720, -13.1100, -15.7180$, and $85.8100, -11.6890, -13.9370$ is the 20% darker color. If you saturate the color by 10%, you get $130.2450, -17.6480, -21.5840$, and if you desaturate by 10%, it is $141.7230, -6.8300, -8.3820$.

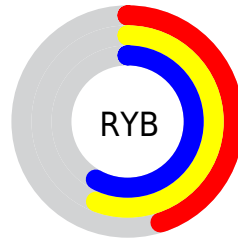
Distribution



Red (45%)

Green (58%)

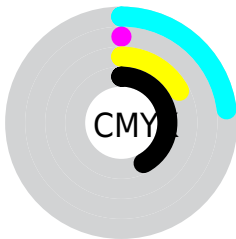
Blue (49%)



Red (45%)

Yellow (56%)

Blue (58%)

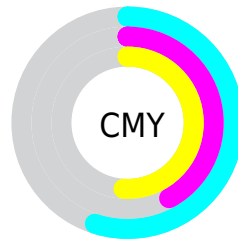


Cyan (23%)

Magenta (0%)

Yellow (17%)

Black (42%)



Cyan (55%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.9840, -12.2390, -14.9830 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 135.9840, -12.2390, -14.9830 by changing the saturation by 10% instead.

■ 135.9840,
-12.2390, -14.9830

■ 135.9840,
-12.2390, -14.9830

■ 255.0000, -0.0000,
-0.0000

■ 110.3970,
-11.9640, -14.4600

■ 189.2720,
-13.1100, -15.7180

■ 85.8100, -11.6890,
-13.9370

■ 217.1580,
-12.7890, -16.0290

■ 62.2230, -11.4140,
-13.4140

■ 242.8100,
-11.6890, -13.9370

■ 39.7500, -11.4600,
-12.5800

■ 254.1030, -1.7880,
-0.6360

■ 18.5220, -10.8180,
-13.2020

■ 0.0000, 0.0000,
0.0000

■ 135.9840,
-12.2390, -14.9830

■ 135.9840,
-12.2390, -14.9830

■ 130.2450,
-17.6480, -21.5840

■ 141.7230, -6.8300,
-8.3820

■ 124.5060,
-23.0570, -28.1850

■ 147.4620, -1.4210,
-1.7810

■ 118.7670,
-28.4660, -34.7860

■ 153.2010, 3.9880,
4.8200

■ 113.0280,
-33.8750, -41.3870

■ 158.9400, 9.3970,
11.4210

■ 107.2890,
-39.2840, -47.9880

■ 164.3800, 14.2100,
17.8100

■ 101.8490,
-44.0970, -54.3770

■ 170.1190, 19.6190,
24.4110

■ 96.1100, -49.5060,
-60.9780


■ 175.8580, 25.0280,
31.0120

■ 91.9090, -53.4940,

■ 181.5970, 30.4370,

-65.7980

37.6130

 187.3360, 35.8460,
44.2140

Harmonies

Analogous

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



137.8350, 4.3580, -12.9060



135.9840, -12.2390, -14.9830



134.3120, -27.7820, -14.1340

Triad

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



135.9840, -12.2390, -14.9830



139.7820, -22.5130, 6.0230



143.0700, 29.3420, 7.8860

Complementary

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



135.9840, -12.2390, -14.9830



128.0160, 12.2390, 14.9830

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.



143.8230, 22.9680, 13.2720



135.9840, -12.2390, -14.9830



142.5670, -5.5500, 12.4820

Square

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



135.9840, -12.2390, -14.9830



135.8680, -34.7990, -2.5990



143.9450, 11.0010, 15.3930



141.6580, 27.3260, 0.3660

Rectangle

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



135.9840, -12.2390, -14.9830



133.8860, -35.2100, -11.6740



143.9450, 11.0010, 15.3930



143.0530, 28.0120, 9.9640

Sweetspot

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



135.9840, -12.2390, -14.9830



188.6740, -5.1340, -6.0780



142.7320, 6.1460, -12.2700



93.9240, -2.8420, -3.5620



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



135.9840, -12.2390, -14.9830



173.7070, -19.0690, -23.3650



137.9220, -17.6960, -9.6960



71.3370, -2.5670, -3.0390



85.1100, -49.5060, -60.9780



6.2120, -3.7130, -4.2970

Inverse Universe

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



128.0160, 12.2390, 14.9830



161.2930, 19.0690, 23.3650



126.0780, 17.6960, 9.6960



69.6630, 2.5670, 3.0390



52.7760, 49.8270, 60.6670



3.7880, 3.7130, 4.2970

Previews

White Background



This preview shows how the YIQ color 135.9840, -12.2390, -14.9830 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 135.9840, -12.2390, -14.9830 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 135.9840, -12.2390, -14.9830 Background



This preview shows how black text looks on a background with the YIQ color 135.9840, -12.2390, -14.9830.



This preview shows how white text looks on a background with the YIQ color 135.9840, -12.2390, -14.9830.

-14.9830.

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

135.9840, -12.2390, -14.9830

Protanopia

140.1120, 11.1880, -4.5240

Deuteranopia

141.2640, 16.8720, 2.6000



Tritanopia

139.0780, -17.8350, -1.6670

Trichromacy



Original Color

135.9840, -12.2390, -14.9830

Protanomaly

138.3990, 2.8900, -8.3260

Deuteranomaly

139.3010, 6.2820, -3.7180

Tritanomaly

137.6990, -15.4500, -6.3460

Monochromacy



Original Color

135.9840, -12.2390, -14.9830

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.0870, -4.8590, -5.5550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.9840, -12.2390, -14.9830 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(115, 149, 124)` looks like.

```
.text, #text, p{  
    color:rgb(115, 149, 124)  
}
```

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(115, 149, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 149, 124) }
```

Border

The CSS property to change the border of an element to YIQ 135.9840, -12.2390, -14.9830 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(115, 149, 124) }
```


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

```
.border{ border-color:rgb(115, 149, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 149, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 149, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 149, 124);  
box-shadow:4px 4px 4px 4px rgb(115, 149,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 135.9840, -12.2390, -14.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 149, 124) }
```

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

```
.background{ background-color: rgb(115,  
149, 124) }
```

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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