

Converting Colors

YIQ(134.8160, -11.8260,
-16.9620)

Have a look what the booklet for
YIQ(134.8160, -11.8260, -16.9620)
contains.

YIQ(134.8160, -11.8260, -16.9620)	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(134.8160, -11.8260,
-16.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	719577
RGB	113, 149, 119
RGB Percent	44%, 58%, 47%
CMY	0.5570, 0.4156, 0.5334
CMYK	0.24, 0.00, 0.20, 0.42
HSL	130°, 15%, 51%
HSV	130°, 24%, 58%
XYZ	20.8859, 26.3404, 21.4343
YIQ	134.8160, -11.8260, -16.9620

Conversions

Conversions Part 2

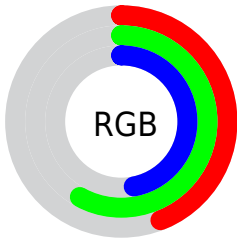
Format	Color
R _Y B	113, 144, 149
Decimal	7443831
CIE Lab	58.36, -18.79, 11.86
CIE LCh	58, 22.219, 147.739
Yxy	26.3404, 0.3042, 0.3836
Android (android.graphics.Color)	4285633911 (0xFF719577)
YUV	134.8160, -7.7973, -19.1326
Hunter-Lab	51.3229, -17.1743, 11.1644

Details

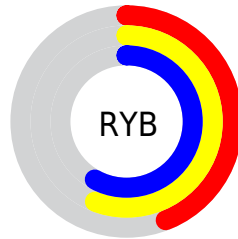
The YIQ color **134.8160, -11.8260, -16.9620** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **127.1840, 11.8260, 16.9620**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.9900, -12.3760, -18.0080**, and **84.7560, -11.5970, -15.6050** is the 20% darker color. If you saturate the color by 10%, you get **128.9630, -16.9140, -23.8740**, and if you desaturate by 10%, it is **140.6690, -6.7380, -10.0500**.

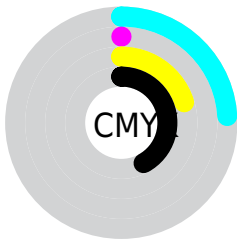
Distribution



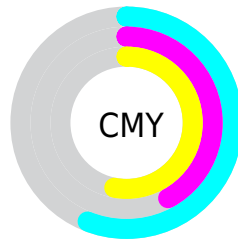
- Red (44%)
- Green (58%)
- Blue (47%)



- Red (44%)
- Yellow (56%)
- Blue (58%)



- Cyan (24%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (56%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.8160, -11.8260, -16.9620 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 134.8160, -11.8260, -16.9620 by changing the saturation by 10% instead.

■ 134.8160,
-11.8260, -16.9620

■ 134.8160,
-11.8260, -16.9620

■ 255.0000, -0.0000,
-0.0000

■ 109.2290,
-11.5510, -16.4390

■ 187.9900,
-12.3760, -18.0080

■ 84.7560, -11.5970,
-15.6050

■ 215.9900,
-12.3760, -18.0080

■ 61.1690, -11.3220,
-15.0820

■ 241.6420,
-11.2760, -15.9160

■ 38.3970, -11.9640,
-14.4600

■ 253.5050, -2.9800,
-1.0600

■ 18.3110, -8.8460,
-15.9020

■ 0.0000, 0.0000,
0.0000

■ 134.8160,
-11.8260, -16.9620

■ 134.8160,
-11.8260, -16.9620

■ 128.9630,
-16.9140, -23.8740

■ 140.6690, -6.7380,
-10.0500

■ 122.9960,
-21.6810, -31.0970

■ 146.6360, -1.9710,
-2.8270

■ 117.1430,
-26.7690, -38.0090

■ 152.4890, 3.1170,
4.0850

■ 111.1760,
-31.5360, -45.2320

■ 158.4560, 7.8840,
11.3080

■ 105.3230,
-36.6240, -52.1440

■ 164.0100, 12.3760,
18.0080

■ 99.7690, -41.1160,
-58.8440

■ 169.8630, 17.4640,
24.9200

■ 93.8020, -45.8830,
-66.0670

■ 175.8300, 22.2310,
32.1430

■ 90.3130, -49.0000,

■ 181.6830, 27.3190,

-70.1520

39.0550

 187.6500, 32.0860,
46.2780

Harmonies

Analogous

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



137.5640, 6.5590, -14.2490



134.8160, -11.8260, -16.9620



132.1760, -30.3950, -16.3390

Triad

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



134.8160, -11.8260, -16.9620



138.4330, -28.8400, 5.0480



142.3910, 32.8720, 9.9920

Complementary

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



134.8160, -11.8260, -16.9620



127.1840, 11.8260, 16.9620

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.



143.1870, 24.9390, 16.0990



134.8160, -11.8260, -16.9620



141.9410, -9.5390, 13.1890

Square

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



134.8160, -11.8260, -16.9620



133.8070, -41.9970, -4.3090



143.7000, 10.3130, 16.8490



141.2240, 31.5440, 1.0160

Rectangle

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



134.8160, -11.8260, -16.9620



130.9670, -39.9320, -14.2040



143.7000, 10.3130, 16.8490



142.4880, 31.2210, 12.3810

Sweetspot

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



134.8160, -11.8260, -16.9620



188.5600, -4.8130, -6.3890



143.1020, 7.9800, -12.4680



93.8100, -2.5210, -3.8730



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.



134.8160, -11.8260, -16.9620



171.8980, -18.2890, -26.4890



136.8680, -17.6040, -11.3640



71.2230, -2.2460, -3.3500



83.6280, -45.3330, -65.0210



6.0980, -3.3920, -4.6080

Inverse Universe

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



127.1840, 11.8260, 16.9620



159.9880, 18.6100, 26.1780



125.1320, 17.6040, 11.3640



69.7770, 2.2460, 3.3500



54.3720, 45.3330, 65.0210



3.9020, 3.3920, 4.6080

Previews

White Background



This preview shows how the YIQ color 134.8160, -11.8260, -16.9620 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 134.8160, -11.8260, -16.9620 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 134.8160, -11.8260, -16.9620 Background



This preview shows how black text looks on a background with the YIQ color 134.8160, -11.8260, -16.9620.



This preview shows how white text looks on a background with the YIQ color 134.8160, -11.8260,

-16.9620.

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

134.8160, -11.8260, -16.9620

Protanopia

139.4280, 13.1140, -6.3900

Deuteranopia

140.9930, 19.0730, 1.2570



Tritanopia

138.1920, -18.1560, -1.3560

Trichromacy



Original Color

134.8160, -11.8260, -16.9620

Protanomaly

137.5300, 3.8990, -10.0930

Deuteranomaly

138.7310, 7.8870, -5.2730

Tritanomaly

136.9870, -16.3210, -7.0810

Monochromacy



Original Color

134.8160, -11.8260, -16.9620

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.8590, -4.2170, -6.1770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.8160, -11.8260, -16.9620 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(113, 149, 119)` looks like.

```
.text, #text, p{  
    color:rgb(113, 149, 119)  
}
```

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(113, 149, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 149, 119) }
```

Border

The CSS property to change the border of an element to YIQ 134.8160, -11.8260, -16.9620 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(113, 149, 119) }
```


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

```
.border{ border-color:rgb(113, 149, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 149, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 149, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 149, 119); box-shadow:4px 4px 4px 4px rgb(113, 149, 119) }
```

Background

The CSS property to change the background color of an element to YIQ 134.8160, -11.8260, -16.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 149, 119) }
```

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

```
.background{ background-color: rgb(113,  
149, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor