

Converting Colors

YIQ(134.9640, 16.8760,
-19.5080)

Have a look what the booklet for
YIQ(134.9640, 16.8760, -19.5080)
contains.

YIQ(134.9640, 16.8760, -19.5080)	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(134.9640, 16.8760,
-19.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8F53
RGB	139, 143, 83
RGB Percent	55%, 56%, 33%
CMY	0.4549, 0.4392, 0.6744
CMYK	0.03, 0.00, 0.42, 0.44
HSL	64°, 27%, 44%
HSV	64°, 42%, 56%
XYZ	22.0306, 25.7583, 12.0002
YIQ	134.9640, 16.8760, -19.5080

Conversions

Conversions Part 2

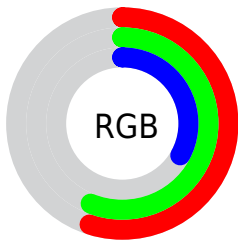
Format	Color
RYB	83, 143, 87
Decimal	9146195
CIELab	57.81, -11.00, 31.36
CIELCh	58, 33.235, 109.320
Yxy	25.7583, 0.3685, 0.4308
Android (android.graphics.Color)	4287336275 (0xFF8B8F53)
YUV	134.9640, -25.6183, 3.5396
Hunter-Lab	50.7526, -11.3342, 21.5080

Details

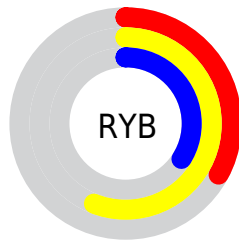
The YIQ color **134.9640, 16.8760, -19.5080** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **91.0360, -16.8760, 19.5080**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.6220, 17.8390, -20.4410**, and **85.0070, 15.3170, -18.7870** is the 20% darker color. If you saturate the color by 10%, you get **133.0690, 20.7740, -24.0740**, and if you desaturate by 10%, it is **136.8590, 12.9780, -14.9420**.

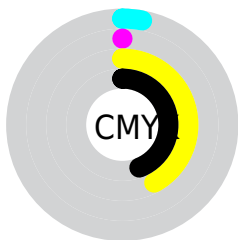
Distribution



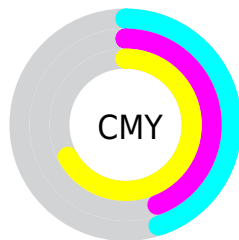
- Red (55%)
- Green (56%)
- Blue (33%)



- Red (33%)
- Yellow (56%)
- Blue (34%)



- Cyan (3%)
- Magenta (0%)
- Yellow (42%)
- Black (44%)





- Cyan (45%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 134.9640, 16.8760, -19.5080 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 134.9640, 16.8760, -19.5080 by changing the saturation by 10% instead.


 134.9640, 16.8760,
-19.5080


 134.9640, 16.8760,
-19.5080


255.0000, -0.0000,
-0.0000


 109.1920, 16.2340,
-18.8860


 188.6220, 17.8390,
-20.4410


 85.0070, 15.3170,
-18.7870

 216.6930, 19.0770,
-20.8510

 60.7080, 14.7210,
-18.9990

 244.8780, 19.9940,
-20.9500

 39.8480, 11.5110,
-15.8890

 250.4400, 12.8400,
-12.4400

 20.3340, 1.5150,
-10.9410

 253.7460, 3.5310,
-3.4210

 0.0000, 0.0000,
0.0000

■ 134.9640, 16.8760,
-19.5080

■ 134.9640, 16.8760,
-19.5080

■ 133.0690, 20.7740,
-24.0740

■ 136.8590, 12.9780,
-14.9420

■ 131.0600, 24.9930,
-28.9510

■ 138.8680, 8.7590,
-10.0650

■ 129.1650, 28.8910,
-33.5170

■ 140.7630, 4.8610,
-5.4990

■ 127.2700, 32.7890,
-38.0830

■ 142.6580, 0.9630,
-0.9330

■ 125.3750, 36.6870,
-42.6490

■ 144.6670, -3.2560,
3.9440

■ 123.7080, 39.9430,
-46.5930

■ 146.5620, -7.1540,
8.5100

■ 148.4570,
-11.0520, 13.0760

■ 150.3520,

-14.9500, 17.6420

■ 152.3610,
-19.1690, 22.5190

Harmonies

Analogous

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



137.9390, 36.3600, -9.1760



134.9640, 16.8760, -19.5080



131.1440, -10.1740, -24.8780

Triad

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



134.9640, 16.8760, -19.5080



114.4680, -89.8150, -18.7670



142.4040, 31.9980, 25.8380

Complementary

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



134.9640, 16.8760, -19.5080



91.0360, -16.8760, 19.5080

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.



142.8880, 7.1480, 24.6520



134.9640, 16.8760, -19.5080



130.3680, -56.5780, 1.1340

Square

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



134.9640, 16.8760, -19.5080



113.6780, -82.0190, -27.8990



139.3340, -23.7070, 16.6530



141.0770, 45.8000, 17.9920

Rectangle

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



134.9640, 16.8760, -19.5080



127.3680, -31.3560, -26.4600



139.3340, -23.7070, 16.6530



142.8100, 24.9830, 26.3190

Sweetspot

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



134.9640, 16.8760, -19.5080



182.9650, 7.1080, -7.6760



103.2880, 34.6600, 10.6280



91.9910, 4.2190, -4.8770



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



134.9640, 16.8760, -19.5080



173.6040, 26.2770, -30.1950



125.9940, -1.0040, -25.8680



70.2020, 2.2470, -2.1770



116.9190, 37.9710, -43.8930



6.7890, 1.9720, -2.7000

Inverse Universe

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



91.0360, -16.8760, 19.5080



105.3960, -26.2770, 30.1950



100.0060, 1.0040, 25.8680



65.0970, -1.6510, 2.3890



18.0810, -37.9710, 43.8930



1.2110, -1.9720, 2.7000

Previews

White Background



This preview shows how the YIQ color 134.9640, 16.8760, -19.5080 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 134.9640, 16.8760, -19.5080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

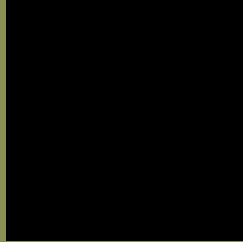
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.9640, 16.8760, -19.5080

Background



This preview shows how black text looks on a background with the YIQ color 134.9640, 16.8760, -19.5080.



This preview shows how white text looks on a background with the YIQ color 134.9640, 16.8760,

-19.5080.

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

134.9640, 16.8760, -19.5080

Protanopia

136.2750, 26.3660, -15.2820

Deuteranopia

137.9930, 36.2680, -7.5080



Tritanopia

140.1300, 2.7500, 5.2300

Trichromacy



Original Color

134.9640, 16.8760, -19.5080

Protanomaly

135.4810, 22.7900, -16.5540

Deuteranomaly

136.9380, 28.9330, -12.2430

Tritanomaly

138.3720, 7.5200, -4.1280

Monochromacy



Original Color

134.9640, 16.8760, -19.5080

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.8940, 5.8700, -7.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.9640, 16.8760, -19.5080 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, 143, 83)` looks like.

```
.text, #text, p{  
    color:rgb(139, 143, 83)  
}
```

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, 143, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 143, 83) }
```

Border

The CSS property to change the border of an element to YIQ 134.9640, 16.8760, -19.5080 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, 143, 83) }
```


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

```
.border{ border-color:rgb(139, 143, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 143, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 143, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 143, 83);  
box-shadow:4px 4px 4px 4px rgb(139, 143,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 134.9640, 16.8760, -19.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 143, 83) }
```

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

```
.background{ background-color: rgb(139,  
143, 83) }
```

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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