

Converting Colors

YIQ(134.4310, 7.8910, -27.3810)

Have a look what the booklet for
YIQ(134.4310, 7.8910, -27.3810)
contains.

YIQ(134.4310, 7.8910, -27.3810)	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(134.4310, 7.8910,
-27.3810)**

Conversions

Conversions Part 1

Format	Color
Hex	7D964F
RGB	125, 150, 79
RGB Percent	49%, 59%, 31%
CMY	0.5099, 0.4117, 0.6901
CMYK	0.17, 0.00, 0.47, 0.41
HSL	81°, 31%, 45%
HSV	81°, 47%, 59%
XYZ	20.7737, 26.7388, 11.4676
YIQ	134.4310, 7.8910, -27.3810

Conversions

Conversions Part 2

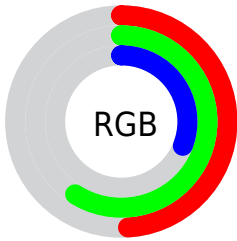
Format	Color
R_{YB}	79, 150, 104
Decimal	8230479
CIE _{Lab}	58.73, -20.94, 34.40
CIE _{LCh}	59, 40.270, 121.329
Yxy	26.7388, 0.3522, 0.4534
Android (android.graphics.Color)	4286420559 (0xFF7D964F)
YUV	134.4310, -27.3275, -8.2710
Hunter-Lab	51.7096, -18.7817, 23.0481

Details

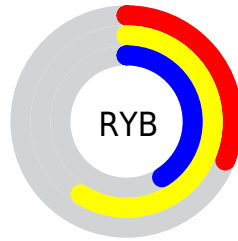
The YIQ color $134.4310, 7.8910, -27.3810$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $94.5690, -7.8910, 27.3810$, and the grayscale version is $135.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $188.0890, 8.8540, -28.3140$, and $83.7730, 6.9280, -26.4480$ is the 20% darker color. If you saturate the color by 10%, you get $131.2260, 9.7260, -33.1060$, and if you desaturate by 10%, it is $137.6360, 6.0560, -21.6560$.

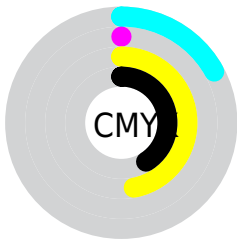
Distribution



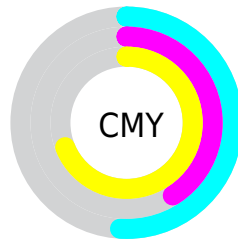
- Red (49%)
- Green (59%)
- Blue (31%)



- Red (31%)
- Yellow (59%)
- Blue (41%)



- Cyan (17%)
- Magenta (0%)
- Yellow (47%)
- Black (41%)
















- Cyan (51%)
- Magenta (41%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.4310, 7.8910, -27.3810 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 134.4310, 7.8910, -27.3810 by changing the saturation by 10% instead.

 134.4310, 7.8910, -27.3810	 134.4310, 7.8910, -27.3810
255.0000, -0.0000, -0.0000	 108.6590, 7.2490, -26.7590
 188.0890, 8.8540, -28.3140	 83.7730, 6.9280, -26.4480
 215.8610, 9.4960, -28.9360	 59.6590, 7.2490, -26.7590
 240.8120, 11.1920, -26.6320	 38.8960, 2.3880, -21.2600
 249.9840, 14.1240, -13.6840	 18.7840, -8.8000, -16.7360
 253.2900, 4.8150, -4.6650	 0.0000, 0.0000, 0.0000

■ 134.4310, 7.8910,
-27.3810

■ 134.4310, 7.8910,
-27.3810

■ 131.2260, 9.7260,
-33.1060

■ 137.6360, 6.0560,
-21.6560

■ 127.7220, 10.9650,
-39.0430

■ 141.1400, 4.8170,
-15.7190

■ 124.5170, 12.8000,
-44.7680

■ 144.3450, 2.9820,
-9.9940

■ 121.3120, 14.6350,
-50.4930

■ 147.5500, 1.1470,
-4.2690

■ 118.1070, 16.4700,
-56.2180

■ 150.7550, -0.6880,
1.4560

■ 117.0530, 16.5620,
-57.8860

■ 154.2590, -1.9270,
7.3930

■ 157.4640, -3.7620,
13.1180

■ 160.6690, -5.5970,

18.8430

■ 164.1730, -6.8360,
24.7800

Harmonies

Analogous

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



138.1850, 35.3070, -17.6290



134.4310, 7.8910, -27.3810



128.1630, -29.5210, -32.1850

Triad

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



134.4310, 7.8910, -27.3810



113.4260, -107.1920, -17.7200



143.4120, 46.7150, 28.9470

Complementary

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



134.4310, 7.8910, -27.3810



94.5690, -7.8910, 27.3810

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.



145.5310, 21.6350, 31.9310



134.4310, 7.8910, -27.3810



134.1110, -56.9920, 8.6400

Square

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



134.4310, 7.8910, -27.3810



113.5110, -100.5420, -28.1100



143.5790, -13.8510, 25.2610



141.7700, 56.8500, 15.9700

Rectangle

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



134.4310, 7.8910, -27.3810



118.8030, -63.6780, -35.4060



143.5790, -13.8510, 25.2610



144.1710, 40.2040, 31.3080

Sweetspot

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



134.4310, 7.8910, -27.3810



187.9320, 2.7070, -10.5170



114.9040, 35.4410, 1.9770



93.2680, 1.8810, -6.5590



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.



134.4310, 7.8910, -27.3810



169.6850, 12.3870, -42.7890



123.9660, -12.9690, -34.8010



72.3050, 0.4590, -2.8130



107.6170, 15.0940, -53.3060



7.9630, 1.4220, -3.7460

Inverse Universe

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



94.5690, -7.8910, 27.3810



107.3150, -12.3870, 42.7890



105.0340, 12.9690, 34.8010



68.3960, -1.0550, 2.6010



30.3830, -15.0940, 53.3060



2.3360, -0.8260, 3.9580

Previews

White Background



This preview shows how the YIQ color 134.4310, 7.8910, -27.3810 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 134.4310, 7.8910, -27.3810 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 134.4310, 7.8910, -27.3810

Background



This preview shows how black text looks on a background with the YIQ color 134.4310, 7.8910, -27.3810.



This preview shows how white text looks on a background with the YIQ color 134.4310, 7.8910, -27.3810.

-27.3810.

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

134.4310, 7.8910, -27.3810

Protanopia

137.7760, 29.2090, -17.2470

Deuteranopia

139.8360, 38.1480, -8.5400



Tritanopia

141.1610, -7.7030, 1.9370

Trichromacy



Original Color

134.4310, 7.8910, -27.3810

Protanomaly

136.3620, 21.5070, -20.8370

Deuteranomaly

137.5740, 26.9620, -15.0700

Tritanomaly

138.6480, -2.2450, -8.8770

Monochromacy



Original Color

134.4310, 7.8910, -27.3810

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.3450, 2.9820, -9.9940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.4310, 7.8910, -27.3810 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(125, 150, 79)` looks like.

```
.text, #text, p{  
    color:rgb(125, 150, 79)  
}
```

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(125, 150, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 150, 79) }
```

Border

The CSS property to change the border of an element to YIQ 134.4310, 7.8910, -27.3810 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(125, 150, 79) }
```


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

```
.border{ border-color:rgb(125, 150, 79) }
```

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

Here you see how a box with a 4 pixel rgb(125, 150, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 150, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 150, 79);  
box-shadow:4px 4px 4px 4px rgb(125, 150,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 134.4310, 7.8910, -27.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 150, 79) }
```

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

```
.background{ background-color: rgb(125,  
150, 79) }
```

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