

Converting Colors

YIQ(126.3540, 7.9310, 4.9470)

Have a look what the booklet for
YIQ(126.3540, 7.9310, 4.9470)
contains.

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Color

**YIQ(126.3540, 7.9310,
4.9470)**

Conversions

Conversions Part 1

Format	Color
Hex	89797E
RGB	137, 121, 126
RGB Percent	54%, 47%, 49%
CMY	0.4627, 0.5255, 0.5059
CMYK	0.00, 0.12, 0.08, 0.46
HSL	341°, 6%, 51%
HSV	341°, 12%, 54%
XYZ	20.9212, 20.4989, 22.5951
YIQ	126.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

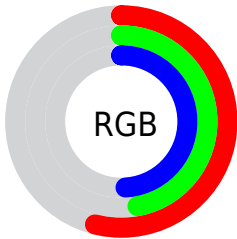
Format	Color
RYB	137, 121, 126
Decimal	9009534
CIELab	52.40, 7.08, -0.48
CIElCh	52, 7.096, 356.099
Yxy	20.4989, 0.3268, 0.3202
Android (android.graphics.Color)	4287199614 (0xFF89797E)
YUV	126.3540, -0.1745, 9.3365
Hunter-Lab	45.2757, 3.2494, 2.1040

Details

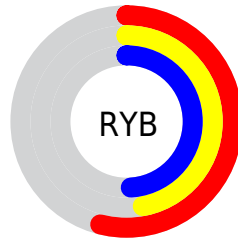
The YIQ color $126.3540, 7.9310, 4.9470$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $131.6460, -7.9310, -4.9470$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.7670, 8.2060, 5.4700$, and $77.0550, 7.3350, 4.7350$ is the 20% darker color. If you saturate the color by 10%, you get $117.1100, 14.6700, 9.4700$, and if you desaturate by 10%, it is $135.5980, 1.1920, 0.4240$.

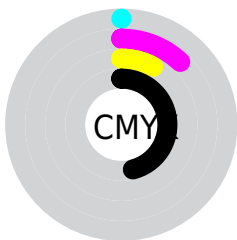
Distribution



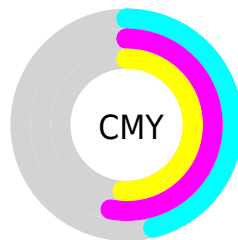
- Red (54%)
- Green (47%)
- Blue (49%)



- Red (54%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (46%)



- Cyan (46%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.3540, 7.9310, 4.9470 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 126.3540, 7.9310, 4.9470 by changing the saturation by 10% instead.

■ 126.3540, 7.9310,
4.9470

■ 126.3540, 7.9310,
4.9470

255.0000, -0.0000,
-0.0000

■ 101.3540, 7.9310,
4.9470

■ 178.7670, 8.2060,
5.4700

■ 77.0550, 7.3350,
4.7350

■ 206.6530, 8.5270,
5.1590

■ 54.6420, 7.0600,
4.2120

■ 234.9520, 9.1230,
5.3710

■ 33.3430, 6.4640,
4.0000

■ 9.4790, 9.0770,
6.2050

■ 0.0000, 0.0000,
0.0000

■ 126.3540, 7.9310,
4.9470

■ 126.3540, 7.9310,
4.9470

■ 117.1100, 14.6700,
9.4700

■ 135.5980, 1.1920,
0.4240

■ 108.3390, 21.4550,
13.1590

■ 144.3690, -5.5930,
-3.2650

■ 99.0950, 28.1940,
17.6820

■ 153.6130,
-12.3320, -7.7880

■ 89.7370, 35.2540,
21.8940

■ 162.9710,
-19.3920, -12.0000

■ 80.4930, 41.9930,
26.4170

■ 172.2150,
-26.1310, -16.5230

■ 71.8360, 48.4570,
30.4170

■ 180.8720,
-32.5950, -20.5230

■ 62.4780, 55.5170,
34.6290


■ 190.2300,
-39.6550, -24.7350


■ 53.2340, 62.2560,

■ 199.4740,

39.1520

-46.3940, -29.2580

 45.8650, 67.8490,
42.4170

 208.2450,
-53.1790, -32.9470

Harmonies

Analogous

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



126.1300, 2.7500, 5.2300



126.3540, 7.9310, 4.9470



125.9690, 10.4530, 3.2930

Triad

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



126.3540, 7.9310, 4.9470



124.0340, 2.6600, -4.1560



123.4270, -11.5080, -0.6920

Complementary

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



126.3540, 7.9310, 4.9470



131.6460, -7.9310, -4.9470

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.



123.4330, -11.6450, -3.7170



126.3540, 7.9310, 4.9470



123.5710, -3.3460, -5.4420

Square

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



126.3540, 7.9310, 4.9470



124.8390, 7.7030, -1.9370



123.3470, -8.5270, -5.1590



124.8620, -8.2990, 1.7250

Rectangle

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



126.3540, 7.9310, 4.9470



125.8010, 10.8660, 1.3140



123.3470, -8.5270, -5.1590



123.4870, -11.7370, -2.0490

Sweetspot

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



126.3540, 7.9310, 4.9470



173.7340, 3.8050, 2.6290



126.1130, 1.4200, 7.3080



86.3100, 2.0630, 1.1590



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



126.3540, 7.9310, 4.9470



162.2730, 12.6530, 7.4770



127.5450, 8.7110, 1.8230



64.3210, 3.5300, 2.1060



44.4410, 66.1070, 40.9470



1.7230, 2.3380, 1.6820

Inverse Universe

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



126.3540, 7.9310, 4.9470



162.2730, 12.6530, 7.4770



130.4550, -8.7110, -1.8230



64.3210, 3.5300, 2.1060



44.4410, 66.1070, 40.9470



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 126.3540, 7.9310, 4.9470 looks on a white background.

Color Contrast Check

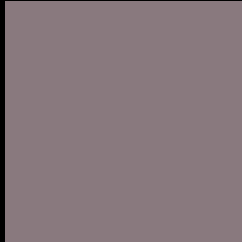
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.3540, 7.9310, 4.9470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

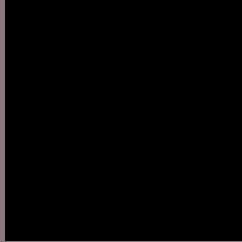
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.3540, 7.9310, 4.9470

Background



This preview shows how black text looks on a background with the YIQ color 126.3540, 7.9310, 4.9470.



This preview shows how white text looks on a background with the YIQ color 126.3540, 7.9310,

4.9470.

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

126.3540, 7.9310, 4.9470

Protanopia

125.0540, -0.0920, 1.6680

Deuteranopia

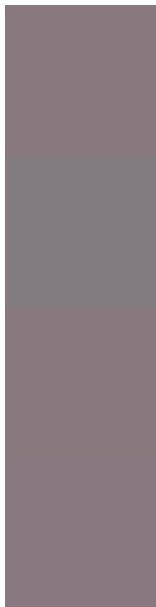
126.3540, 7.9310, 4.9470



Tritanopia

126.5220, 7.5180, 6.9260

Trichromacy



Original Color

126.3540, 7.9310, 4.9470

Protanomaly

125.5490, 2.8880, 2.7280

Deuteranomaly

126.3540, 7.9310, 4.9470

Tritanomaly

126.4080, 7.8390, 6.6150

Monochromacy



Original Color

126.3540, 7.9310, 4.9470

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.0220, 2.9340, 1.8940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.3540, 7.9310, 4.9470 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(137, 121, 126)` looks like.

```
.text, #text, p{  
    color:rgb(137, 121, 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(137, 121, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 121, 126) }
```

Border

The CSS property to change the border of an element to YIQ 126.3540, 7.9310, 4.9470 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(137, 121, 126) }
```


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

```
.border{ border-color:rgb(137, 121, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 121, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 121, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 121, 126);  
box-shadow:4px 4px 4px 4px rgb(137, 121,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 126.3540, 7.9310, 4.9470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 121, 126) }
```

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

```
.background{ background-color: rgb(137,  
121, 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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