

Converting Colors

YIQ(133.3940, 19.6220, 7.8300)

Have a look what the booklet for
YIQ(133.3940, 19.6220, 7.8300)
contains.

YIQ(133.3940, 19.6220, 7.8300)	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(133.3940, 19.6220,
7.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7B7D
RGB	157, 123, 125
RGB Percent	62%, 48%, 49%
CMY	0.3842, 0.5177, 0.5097
CMYK	0.00, 0.22, 0.20, 0.38
HSL	356°, 15%, 55%
HSV	356°, 22%, 62%
XYZ	24.6928, 22.8137, 22.5106
YIQ	133.3940, 19.6220, 7.8300

Conversions

Conversions Part 2

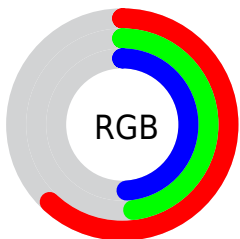
Format	Color
R_{YB}	157, 123, 125
Decimal	10320765
CIE _{Lab}	54.88, 13.52, 3.95
CIE _{LCh}	55, 14.089, 16.268
Yxy	22.8137, 0.3527, 0.3258
Android (android.graphics.Color)	4288510845 (0xFF9D7B7D)
YUV	133.3940, -4.1382, 20.7025
Hunter-Lab	47.7637, 8.6941, 5.4918

Details

The YIQ color **133.3940, 19.6220, 7.8300** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **146.6060, -19.6220, -7.8300**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.9920, 20.8140, 8.2540**, and **83.4970, 17.8340, 7.1940** is the 20% darker color. If you saturate the color by 10%, you get **122.2920, 28.8370, 11.5330**, and if you desaturate by 10%, it is **144.4960, 10.4070, 4.1270**.

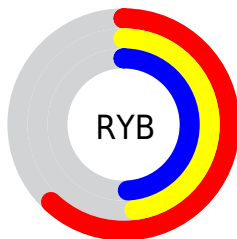
Distribution



Red (62%)

Green (48%)

Blue (49%)



Red (62%)

Yellow (48%)

Blue (49%)

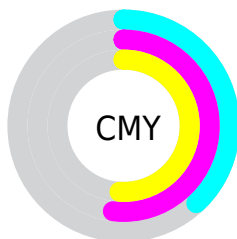


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (38%)



Cyan (38%)


Magenta (52%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.3940, 19.6220, 7.8300 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 133.3940, 19.6220, 7.8300 by changing the saturation by 10% instead.


 133.3940, 19.6220,
7.8300


 133.3940, 19.6220,
7.8300


255.0000, -0.0000,
-0.0000


 108.0950, 19.0260,
7.6180


 186.9920, 20.8140,
8.2540


 83.4970, 17.8340,
7.1940


 214.5900, 22.0060,
8.6780

 60.0130, 16.3210,
7.0810

 238.4040, 13.6620,
5.7100

 38.3010, 15.4500,
6.3460

 15.8990, 16.6420,
6.7700

 0.0000, 0.0000,
0.0000

■ 133.3940, 19.6220,
7.8300

■ 133.3940, 19.6220,
7.8300

■ 122.2920, 28.8370,
11.5330

■ 144.4960, 10.4070,
4.1270

■ 111.7770, 37.7770,
14.7130

■ 155.0110, 1.4670,
0.9470

■ 100.7890, 46.6710,
18.7270

■ 165.9990, -7.4270,
-3.0670

■ 89.6870, 55.8860,
22.4300

■ 177.1010,
-16.6420, -6.7700

■ 78.5850, 65.1010,
26.1330

■ 188.2030,
-25.8570, -10.4730

■ 68.0700, 74.0410,
29.3130

■ 198.7180,
-34.7970, -13.6530

■ 57.0820, 82.9350,
33.3270


■ 209.7060,
-43.6910, -17.6670

■ 47.9690, 90.6830,

■ 220.8080,

36.0830

-52.9060, -21.3700

 225.6980,
-58.4080, -20.7760

Harmonies

Analogous

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



133.5660, 13.3860, 10.7140



133.3940, 19.6220, 7.8300



132.7160, 21.4110, 2.9390

Triad

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



133.3940, 19.6220, 7.8300



128.7080, -2.4740, -10.2340



129.5170, -20.4490, 1.6550

Complementary

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



133.3940, 19.6220, 7.8300



146.6060, -19.6220, -7.8300

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.



127.4900, -24.9870, -4.2110



133.3940, 19.6220, 7.8300



127.2490, -14.3030, -10.6150

Square

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



133.3940, 19.6220, 7.8300



130.4490, 8.6210, -7.5630



126.6380, -22.6480, -8.0560



131.6540, -10.4090, 6.9270

Rectangle

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



133.3940, 19.6220, 7.8300



131.8250, 19.4860, -0.7220



126.6380, -22.6480, -8.0560



128.6800, -22.4660, -0.3380

Sweetspot

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



133.3940, 19.6220, 7.8300



194.3000, 8.0230, 3.2790



136.4440, 8.1580, 17.3580



96.3920, 4.7680, 1.6960



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



133.3940, 19.6220, 7.8300



167.1890, 30.6250, 12.1690



141.9710, 16.1390, -0.6370



73.5060, 4.4470, 2.0070



43.7830, 82.3390, 33.1150



4.5990, 8.6190, 3.4910

Inverse Universe

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



133.3940, 19.6220, 7.8300



167.1890, 30.6250, 12.1690



138.0290, -16.1390, 0.6370



73.5060, 4.4470, 2.0070



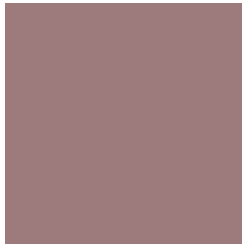
43.7830, 82.3390, 33.1150



4.5990, 8.6190, 3.4910

Previews

White Background



This preview shows how the YIQ color 133.3940, 19.6220, 7.8300 looks on a white background.

Color Contrast Check

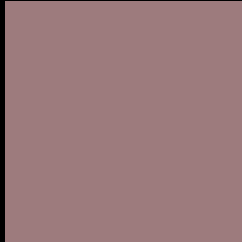
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.3940, 19.6220, 7.8300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

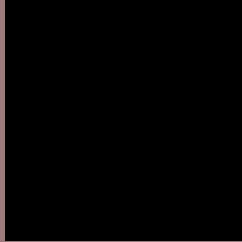
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.3940, 19.6220, 7.8300

Background



This preview shows how black text looks on a background with the YIQ color 133.3940, 19.6220, 7.8300.



This preview shows how white text looks on a background with the YIQ color 133.3940, 19.6220,

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

133.3940, 19.6220, 7.8300

Protanopia

131.6690, 2.4300, 0.0140

Deuteranopia

132.6380, 12.8830, 3.3070



Tritanopia

133.7900, 18.5670, 10.4310

Trichromacy



Original Color

133.3940, 19.6220, 7.8300

Protanomaly

132.1860, 8.3440, 2.9680

Deuteranomaly

133.2470, 15.5420, 4.6780

Tritanomaly

133.5620, 19.2090, 9.8090

Monochromacy



Original Color

133.3940, 19.6220, 7.8300

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0010, 7.4270, 3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.3940, 19.6220, 7.8300 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(157, 123, 125)` looks like.

```
.text, #text, p{  
    color:rgb(157, 123, 125)  
}
```

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(157, 123, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 123, 125) }
```

Border

The CSS property to change the border of an element to YIQ 133.3940, 19.6220, 7.8300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

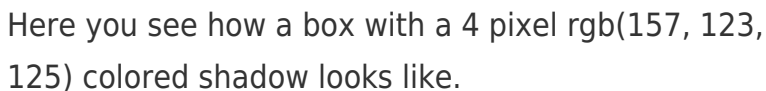
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 123, 125) }
```


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

```
.border{ border-color:rgb(157, 123, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 123, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 123, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 123, 125); box-shadow:4px 4px 4px 4px rgb(157, 123, 125) }
```

Background

The CSS property to change the background color of an element to YIQ 133.3940, 19.6220, 7.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 123, 125) }
```

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

```
.background{ background-color: rgb(157,  
123, 125) }
```

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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