

Converting Colors

HunterLab(37.0833, 9.7733,
7.8554)

Have a look what the booklet for
HunterLab(37.0833, 9.7733, 7.8554)
contains.

HunterLab(37.0314, 9.8063, 7.8582)	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

**HunterLab(37.0314, 9.8063,
7.8582)**

Conversions

Conversions Part 1

Format	Color
Hex	855E59
RGB	133, 94, 89
RGB Percent	52%, 37%, 35%
CMY	0.4784, 0.6314, 0.6510
CMYK	0.00, 0.29, 0.33, 0.48
HSL	7°, 20%, 44%
HSV	7°, 33%, 52%
XYZ	15.4788, 13.7132, 11.2823
YIQ	105.0910, 24.8490, 6.7130

Conversions

Conversions Part 2

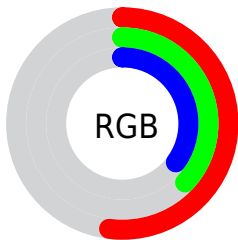
Format	Color
R_{YB}	133, 95, 89
Decimal	8740441
CIE _{Lab}	43.82, 15.20, 9.20
CIE _{LCh}	44, 17.770, 31.174
Yxy	13.7139, 0.3824, 0.3388
Android (android.graphics.Color)	4286930521 (0xFF855E59)
YUV	105.0910, -7.9329, 24.4762
Hunter-Lab	37.0314, 9.8063, 7.8582

Details

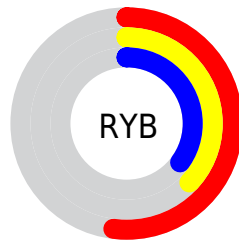
The HunterLab color **37.0314, 9.8063, 7.8582** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **43.8805, -11.4106, -3.1438**, and the grayscale version is **37.6427, -2.0085, 2.0452**.

A 20% lighter version of the original color is **57.1661, 10.1175, 10.0690**, and **20.2227, 8.6665, 5.6267** is the 20% darker color. If you saturate the color by 10%, you get **34.0168, 13.9376, 9.3824**, and if you desaturate by 10%, it is **40.2703, 5.8496, 6.2941**.

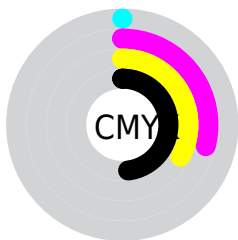
Distribution



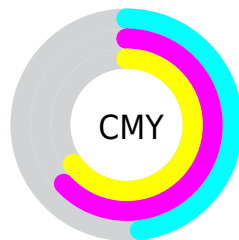
- Red (52%)
- Green (37%)
- Blue (35%)



- Red (52%)
- Yellow (37%)
- Blue (35%)



- Cyan (0%)
- Magenta (29%)
- Yellow (33%)
- Black (48%)



- Cyan (48%)
- Magenta (63%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0314, 9.8063, 7.8582 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 HunterLab color 37.0314, 9.8063, 7.8582 by changing the saturation by 10% instead.

■ 37.0314, 9.8063,
7.8582

■ 37.0314, 9.8063,
7.8582

146.7800, 10.1670,
17.7564

■ 28.1460, 9.3748,
6.7667

■ 57.0793, 10.3657,
10.0130

■ 20.1123, 8.8208,
5.6456

■ 68.1351, 10.5218,
11.0905

■ 13.0338, 8.1159,
4.4659

■ 79.8248, 10.6071,
12.1742

■ 6.5029, 9.8408,
4.5520

■ 92.1158, 10.6282,
13.2668

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.9798, 10.5905,
14.3701

0.0000, NaN, NaN

118.3926, 10.4987,

0.0000, NaN, NaN

15.4856

0.0000, NaN, NaN

132.3323, 10.3564,
16.6141

■ 37.0314, 9.8063,
7.8582

■ 37.0314, 9.8063,
7.8582

■ 34.0168, 13.9376,
9.3824

■ 40.2703, 5.8496,
6.2941

■ 31.2616, 18.2102,
10.8288

■ 43.6992, 2.0804,
4.7105

■ 28.8102, 22.5366,
12.1444

■ 47.2930, -1.5108,
3.1212

■ 26.7095, 26.7643,
13.2572

■ 51.0304, -4.9398,
1.5330

■ 25.0046, 30.6663,
14.0841

■ 54.8941, -8.2252,
-0.0509

■ 23.7288, 33.9644,
14.5560

■ 58.8699, -11.3855,
-1.6293

■ 23.0904, 35.7018,
14.8532

■ 62.9463, -14.4382,
-3.2024

■ 67.1134, -17.3987,
-4.7712

■ 71.3632, -20.2806,
-6.3366

Harmonies

Analogous

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



37.0323, 11.9250, 2.2681



37.0314, 9.8063, 7.8582



37.0323, 4.4957, 11.2898

Triad

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



37.0323, 9.8047, 7.8588



37.0323, -12.6852, 7.4926



37.0323, -1.7114, -12.5893

Complementary

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



37.0314, 9.8063, 7.8582



43.8805, -11.4106, -3.1438

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.



37.0323, -8.0354, -10.5266



37.0314, 9.8063, 7.8582



37.0323, -14.0911, 1.7617

Square

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



37.0323, 9.8047, 7.8588



37.0323, -8.4651, 11.1066



37.0323, -12.4498, -4.9683



37.0323, 4.9890, -10.1923

Rectangle

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



37.0314, 9.8063, 7.8582



37.0323, 0.0364, 12.2657



37.0323, -12.4498, -4.9683



37.0323, -3.9501, -12.3921

Sweetspot

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



37.0323, 9.8047, 7.8588



59.8304, 1.3885, 5.6967



37.0214, 18.0527, -9.9104



28.1297, 0.9343, 2.8241



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



37.0323, 9.8047, 7.8588



46.3706, 17.4312, 12.1193



42.4980, -0.2272, 12.9973



21.8352, 0.3091, 1.9760



22.5509, 34.7937, 14.5049



1.5083, 1.5105, 0.9558

Inverse Universe

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



43.8805, -11.4106, -3.1438



57.5100, -17.3266, -5.8343



37.7487, -1.8940, -11.6259



22.7836, -2.5970, 0.4597



37.3290, -16.5831, -10.8600



2.3377, -1.1512, -0.4368

Previews

White Background



This preview shows how the HunterLab color 37.0314, 9.8063, 7.8582 looks on a white 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

Black Background



This preview shows how the HunterLab color 37.0314, 9.8063, 7.8582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

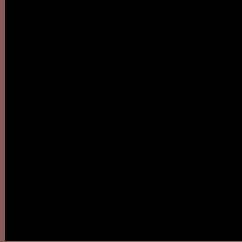
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 37.0314, 9.8063, 7.8582 Background



This preview shows how black text looks on a background with the HunterLab color 37.0314, 9.8063, 7.8582.

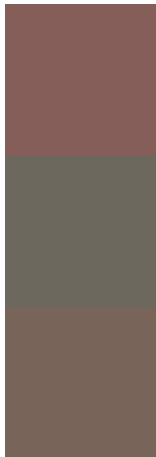


This preview shows how white text looks on a background with the HunterLab color 37.0314, 9.8063,

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

37.0314, 9.8063, 7.8582

Protanopia

37.2786, -2.2476, 6.0891

Deuteranopia

37.1645, 2.5128, 8.2156



Tritanopia

36.9100, 12.3535, 3.9982

Trichromacy



Original Color

37.0314, 9.8063, 7.8582

Protanomaly

36.9716, 2.0477, 6.5801

Deuteranomaly

37.1482, 5.0802, 8.2441

Tritanomaly

37.0449, 11.3584, 5.6981

Monochromacy



Original Color

37.0314, 9.8063, 7.8582

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

37.2197, 1.8925, 4.1637

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0314, 9.8063, 7.8582 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(133, 94, 89)` looks like.

```
.text, #text, p{  
  color:rgb(133, 94, 89)  
}
```

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(133, 94, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 94, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0314, 9.8063, 7.8582 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(133, 94, 89) }
```


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

```
.border{ border-color:rgb(133, 94, 89) }
```

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

Here you see how a box with a 4 pixel rgb(133, 94, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 94, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 94, 89);  
box-shadow:4px 4px 4px 4px rgb(133, 94,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0314, 9.8063, 7.8582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 94, 89) }
```

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

```
.background{ background-color: rgb(133, 94,  
89) }
```

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