

Converting Colors

HunterLab(33.1630, 33.2743,
9.4185)

Have a look what the booklet for
HunterLab(33.1630, 33.2743,
9.4185) contains.

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Color

**HunterLab(33.1591, 33.2291,
9.4302)**

Conversions

Conversions Part 1

Format	Color
Hex	9E3C4A
RGB	158, 60, 74
RGB Percent	62%, 24%, 29%
CMY	0.3804, 0.7647, 0.7098
CMYK	0.00, 0.62, 0.53, 0.38
HSL	351°, 45%, 43%
HSV	351°, 62%, 62%
XYZ	16.9525, 10.9953, 7.7074
YIQ	90.8980, 53.9140, 25.1300

Conversions

Conversions Part 2

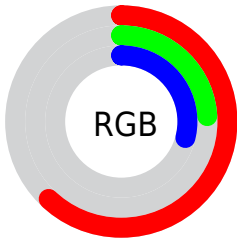
Format	Color
R_{YB}	158, 60, 74
Decimal	10370122
CIE Lab	39.57, 41.91, 13.08
CIE LCh	40, 43.905, 17.336
Yxy	10.9959, 0.4755, 0.3084
Android (android.graphics.Color)	4288560202 (0xFF9E3C4A)
YUV	90.8980, -8.3307, 58.8485
Hunter-Lab	33.1591, 33.2291, 9.4302

Details

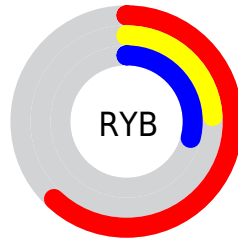
The HunterLab color **33.1591, 33.2291, 9.4302** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **52.3720, -26.4667, 1.9348**, and the grayscale version is **32.3236, -1.7247, 1.7562**.

A 20% lighter version of the original color is **52.5285, 35.9339, 12.2145**, and **16.9282, 29.5744, 6.4085** is the 20% darker color. If you saturate the color by 10%, you get **30.6870, 38.4161, 11.1992**, and if you desaturate by 10%, it is **36.2054, 27.4264, 7.8322**.

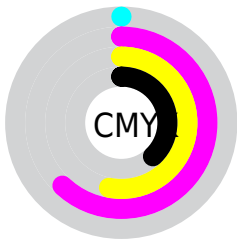
Distribution



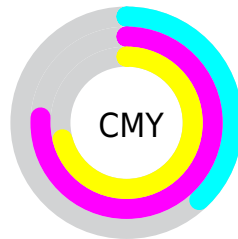
- Red (62%)
- Green (24%)
- Blue (29%)



- Red (62%)
- Yellow (24%)
- Blue (29%)



- Cyan (0%)
- Magenta (62%)
- Yellow (53%)
- Black (38%)



- Cyan (38%)
- Magenta (76%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1591, 33.2291, 9.4302 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 33.1591, 33.2291, 9.4302 by changing the saturation by 10% instead.

33.1591, 33.2291,
9.4302

33.1591, 33.2291,
9.4302

140.5842, 43.5478,
21.1174

24.6253, 31.5371,
8.0323

52.5857, 36.2476,
12.0955

16.9825, 29.7649,
6.5499

63.3610, 37.5804,
13.3936

10.3514, 28.0605,
5.8751

74.7858, 38.8042,
14.6812

0.0000, INF, NaN

0.0000, NaN, NaN

86.8251, 39.9269,
15.9641

0.0000, NaN, NaN

99.4490, 40.9562,
17.2465

0.0000, NaN, NaN

112.6315, 41.8989,

0.0000, NaN, NaN

18.5314

0.0000, NaN, NaN

126.3500, 42.7609,
19.8211

■ 33.1591, 33.2291,
9.4302

■ 33.1591, 33.2291,
9.4302

■ 30.6870, 38.4161,
11.1992

■ 36.2054, 27.4264,
7.8322

■ 28.8505, 42.5454,
13.0144

■ 39.7449, 21.3780,
6.4648

■ 27.6746, 45.2174,
14.7035

■ 43.7020, 15.3160,
5.3427

■ 27.0725, 46.5846,
15.7720

■ 48.0097, 9.3676,
4.4523

■ 52.6124, 3.5879,
3.7678

■ 57.4653, -2.0100,
3.2605

■ 62.5328, -7.4345,
2.9033

■ 67.7865, -12.7038,
2.6727

■ 73.2035, -17.8388,
2.5487

Harmonies

Analogous

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



33.1600, 34.1305, -5.3163



33.1591, 33.2291, 9.4302



33.1600, 21.9054, 16.9718

Triad

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



33.1600, 33.2265, 9.4309



33.1600, -21.5906, 16.1960



33.1600, -8.2842, -41.6559

Complementary

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



33.1591, 33.2291, 9.4302



52.3720, -26.4667, 1.9348

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.



33.1600, -20.2394, -27.9446



33.1591, 33.2291, 9.4302



33.1600, -26.8777, 7.6301

Square

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



33.1600, 33.2265, 9.4309



33.1600, -10.4947, 19.4001



33.1600, -26.4355, -8.2154



33.1600, 7.9593, -40.3644

Rectangle

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



33.1591, 33.2291, 9.4302



33.1600, 11.0106, 19.0963



33.1600, -26.4355, -8.2154



33.1600, -12.8691, -38.4508

Sweetspot

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



33.1600, 33.2265, 9.4309



66.3052, 10.5359, 5.7300



34.0110, 41.0778, -34.7138



30.7027, 6.0158, 2.8517



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



33.1600, 33.2265, 9.4309



40.4064, 53.8667, 15.9333



39.5663, 16.2324, 18.2575



25.8086, 0.9650, 1.7276



24.2358, 41.7187, 14.0000



3.2998, 5.7960, 1.0074

Inverse Universe

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



33.1600, 33.2265, 9.4309



40.4064, 53.8667, 15.9333



42.1547, -9.3835, -19.6853



25.8086, 0.9650, 1.7276



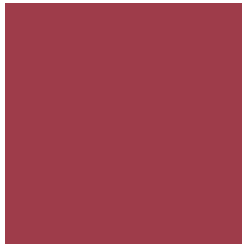
24.2358, 41.7187, 14.0000



3.2998, 5.7960, 1.0074

Previews

White Background



This preview shows how the HunterLab color 33.1591, 33.2291, 9.4302 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 33.1591, 33.2291, 9.4302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

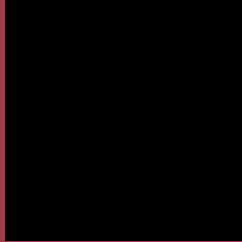
Any Text WCAG AA × Fail

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 33.1591, 33.2291, 9.4302 Background



This preview shows how black text looks on a background with the HunterLab color 33.1591, 33.2291, 9.4302.



This preview shows how white text looks on a background with the HunterLab color 33.1591, 33.2291, 9.4302.

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

33.1591, 33.2291, 9.4302

Protanopia

33.6186, -1.3790, 3.2362

Deuteranopia

33.3489, 2.0471, 10.5755



Tritanopia

33.1587, 31.2332, 12.0369

Trichromacy



Original Color

33.1591, 33.2291, 9.4302

Protanomaly

32.5767, 10.1939, 4.6103

Deuteranomaly

32.6130, 13.1789, 9.4893

Tritanomaly

33.0499, 31.9087, 11.1129

Monochromacy



Original Color

33.1591, 33.2291, 9.4302

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

31.6829, 9.7883, 3.6111

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1591, 33.2291, 9.4302 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(158, 60, 74)` looks like.

```
.text, #text, p{  
    color:rgb(158, 60, 74)  
}
```

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(158, 60, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 60, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1591, 33.2291, 9.4302 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(158, 60, 74) }
```


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

```
.border{ border-color:rgb(158, 60, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 60, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 60, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 60, 74);  
box-shadow:4px 4px 4px 4px rgb(158, 60,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.1591, 33.2291, 9.4302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 60, 74) }
```

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

```
.background{ background-color: rgb(158, 60,  
74) }
```

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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