

Converting Colors

HunterLab(33.7277, 40.1224,
15.8828)

Have a look what the booklet for
HunterLab(33.7277, 40.1224,
15.8828) contains.

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Color

**HunterLab(33.7303, 40.4328,
15.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	AC3333
RGB	172, 51, 51
RGB Percent	67%, 20%, 20%
CMY	0.3255, 0.8000, 0.8000
CMYK	0.00, 0.70, 0.70, 0.33
HSL	0°, 54%, 44%
HSV	0°, 70%, 67%
XYZ	18.7946, 11.3773, 4.3374
YIQ	87.1790, 72.1160, 25.6520

Conversions

Conversions Part 2

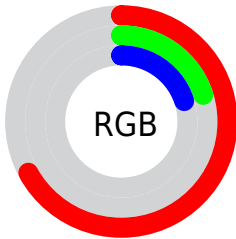
Format	Color
R_{YB}	172, 51, 51
Decimal	11285299
CIE _{Lab}	40.21, 49.01, 28.61
CIE _{LCh}	40, 56.751, 30.271
Yxy	11.3780, 0.5446, 0.3297
Android (android.graphics.Color)	4289475379 (0xFFAC3333)
YUV	87.1790, -17.8362, 74.3880
Hunter-Lab	33.7303, 40.4328, 15.9870

Details

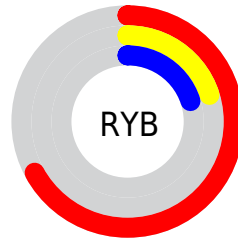
The HunterLab color **33.7303, 40.4328, 15.9870** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **57.6059, -27.7982, -5.1607**, and the grayscale version is **30.9837, -1.6532, 1.6834**.

A 20% lighter version of the original color is **53.2059, 43.9722, 20.6784**, and **18.7778, 32.2392, 11.5005** is the 20% darker color. If you saturate the color by 10%, you get **31.6514, 45.3641, 17.4909**, and if you desaturate by 10%, it is **36.5373, 34.4635, 14.1908**.

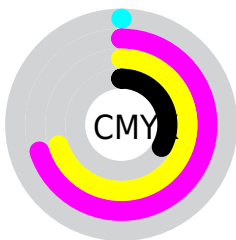
Distribution



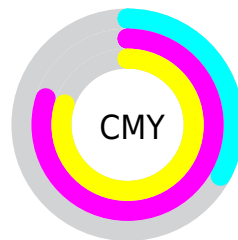
- Red (67%)
- Green (20%)
- Blue (20%)



- Red (67%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (70%)
- Yellow (70%)
- Black (33%)



- Cyan (33%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7303, 40.4328, 15.9870 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 33.7303, 40.4328, 15.9870 by changing the saturation by 10% instead.

■ 33.7303, 40.4328,
15.9870

■ 33.7303, 40.4328,
15.9870

141.5072, 52.9262,
35.4075

■ 25.1430, 38.5325,
13.3264

■ 53.2513, 43.9309,
20.8186

■ 17.4403, 36.6147,
10.7258

■ 64.0692, 45.5132,
23.0675

■ 10.7402, 34.9200,
7.5181

■ 75.5341, 46.9862,
25.2393

■ 1.5246, 146.9164,
1.0672

■ 87.6114, 48.3560,
27.3509

0.0000, INF, NaN

0.0000, NaN, NaN

■ 100.2716, 49.6289,
29.4147

0.0000, NaN, NaN

■ 113.4889, 50.8111,

0.0000, NaN, NaN

31.4407

0.0000, NaN, NaN

127.2408, 51.9084,
33.4363

■ 33.7303, 40.4328,
15.9870

■ 33.7303, 40.4328,
15.9870

■ 31.6514, 45.3641,
17.4909

■ 36.5373, 34.4635,
14.1908

■ 30.3295, 48.7739,
18.5378

■ 39.9925, 27.9807,
12.2676

■ 29.6156, 50.7156,
19.1369

■ 44.0045, 21.3696,
10.3415

■ 48.4847, 14.8641,
8.4844

■ 53.3562, 8.5776,
6.7289

■ 58.5561, 2.5474,
5.0829

■ 64.0340, -3.2302,
3.5416

■ 69.7499, -8.7775,
2.0947

■ 75.6721, -14.1239,
0.7299

Harmonies

Analogous

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



33.7313, 48.5671, 2.0163



33.7303, 40.4328, 15.9870



33.7313, 20.5470, 21.0265

Triad

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



33.7313, 40.4296, 15.9876



33.7313, -30.1014, 15.8311



33.7313, -1.6115, -63.1918

Complementary

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



33.7303, 40.4328, 15.9870



57.6059, -27.7982, -5.1607

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.



33.7313, -19.5173, -51.1394



33.7303, 40.4328, 15.9870



33.7313, -33.3316, 1.6549

Square

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



33.7313, 40.4296, 15.9876



33.7313, -19.7738, 20.9827



33.7313, -29.9807, -23.6999



33.7313, 20.9576, -50.7290

Rectangle

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



33.7303, 40.4328, 15.9870



33.7313, 5.2670, 21.9661



33.7313, -29.9807, -23.6999



33.7313, -8.3322, -61.8170

Sweetspot

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



33.7313, 40.4296, 15.9876



71.1697, 12.4080, 9.2994



37.5724, 56.0755, -37.4557



32.3490, 6.8226, 4.6234



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



33.7313, 40.4296, 15.9876



41.5869, 63.7578, 24.3732



45.2636, 12.8704, 24.0139



28.3115, 0.9271, 2.3554



25.5480, 43.7497, 16.5085



4.2614, 7.2960, 2.7536

Inverse Universe

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



57.6059, -27.7982, -5.1607



77.0047, -39.7342, -7.7628



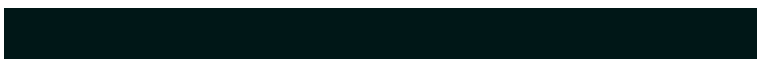
38.9367, -1.4332, -35.4637



30.1198, -3.8984, 0.8683



49.1631, -26.0619, -5.1894



8.2001, -4.3471, -0.8653

Previews

White Background



This preview shows how the HunterLab color 33.7303, 40.4328, 15.9870 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 33.7303, 40.4328, 15.9870 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 33.7303, 40.4328, 15.9870 Background



This preview shows how black text looks on a background with the HunterLab color 33.7303, 40.4328, 15.9870.



This preview shows how white text looks on a background with the HunterLab color 33.7303, 40.4328, 15.9870.

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

33.7303, 40.4328, 15.9870

Protanopia

34.1388, -3.3282, 11.7555

Deuteranopia

33.9346, 1.9838, 16.7818



Tritanopia

33.7570, 40.5456, 15.5950

Trichromacy



Original Color

33.7303, 40.4328, 15.9870

Protanomaly

32.6549, 11.8000, 12.3125

Deuteranomaly

32.8289, 16.3808, 15.6588

Tritanomaly

33.7435, 40.4886, 15.7930

Monochromacy



Original Color

33.7303, 40.4328, 15.9870

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.4032, 12.2926, 6.3155

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7303, 40.4328, 15.9870 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(172, 51, 51)` looks like.

```
.text, #text, p{  
    color:rgb(172, 51, 51)  
}
```

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(172, 51, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 51, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7303, 40.4328, 15.9870 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(172, 51, 51) }
```


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

```
.border{ border-color:rgb(172, 51, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 51, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 51, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 51, 51);  
box-shadow:4px 4px 4px 4px rgb(172, 51,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7303, 40.4328, 15.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 51, 51) }
```

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

```
.background{ background-color: rgb(172, 51,  
51) }
```

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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