

Converting Colors

HunterLab(33.1851, 63.9760,
-33.9492)

Have a look what the booklet for
HunterLab(33.1851, 63.9760,
-33.9492) contains.

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Color

**HunterLab(33.2031, 63.9887,
-33.7945)**

Conversions

Conversions Part 1

Format	Color
Hex	AB009B
RGB	171, 0, 155
RGB Percent	67%, 0%, 61%
CMY	0.3294, 0.9999, 0.3922
CMYK	0.00, 1.00, 0.09, 0.33
HSL	306°, 100%, 34%
HSV	306°, 100%, 67%
XYZ	22.7109, 11.0245, 31.9412
YIQ	68.7990, 52.1610, 84.4570

Conversions

Conversions Part 2

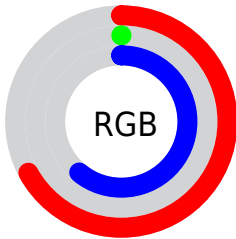
Format	Color
R_{YB}	171, 0, 155
Decimal	11206811
CIE _{Lab}	39.62, 70.52, -36.99
CIE _{LCh}	40, 79.629, 332.321
Yxy	11.0250, 0.3458, 0.1679
Android (android.graphics.Color)	4289396891 (0xFFAB009B)
YUV	68.7990, 42.4971, 89.6303
Hunter-Lab	33.2031, 63.9887, -33.7945

Details

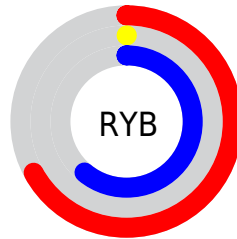
The HunterLab color **33.2031, 63.9887, -33.7945** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **54.0034, -46.0596, 31.9312**, and the grayscale version is **24.1701, -1.2897, 1.3132**.

A 20% lighter version of the original color is **52.5953, 68.6879, -35.1223**, and **21.3464, 41.1437, -21.7672** is the 20% darker color. If you saturate the color by 10%, you get **33.2032, 63.9886, -33.7931**, and if you desaturate by 10%, it is **33.8871, 62.1071, -33.5296**.

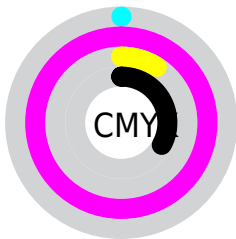
Distribution



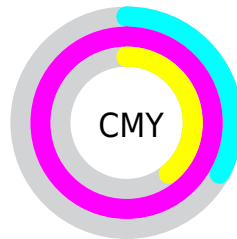
- Red (67%)
- Green (0%)
- Blue (61%)



- Red (67%)
- Yellow (0%)
- Blue (61%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2031, 63.9887, -33.7945 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 33.2031, 63.9887, -33.7945 by changing the saturation by 10% instead.

33.2031, 63.9887,
-33.7945

33.2031, 63.9887,
-33.7945

140.6553, 82.2888,
-38.6796

24.6651, 61.7723,
-33.3401

52.6369, 68.5895,
-35.0364

17.0177, 59.9352,
-33.2776

63.4155, 70.8183,
-35.6767

10.3812, 59.3072,
-34.2991

74.8434, 72.9622,
-36.2894

0.0000, INF, -NF

0.0000, NaN, -NF

86.8856, 75.0130,
-36.8625

0.0000, NaN, NaN

99.5123, 76.9691,
-37.3900

0.0000, NaN, NaN

112.6975, 78.8318,

0.0000, NaN, NaN

-37.8690

126.4186, 80.6039,
-38.2989

■ 33.2031, 63.9887,
-33.7945

■ 33.2031, 63.9887,
-33.7945

■ 33.2032, 63.9886,
-33.7931

■ 33.8871, 62.1071,
-33.5296

■ 35.0574, 58.6185,
-32.2322

■ 36.8576, 53.2817,
-29.7080

■ 39.2819, 46.4757,
-26.1539

■ 42.2867, 38.6843,
-21.8499

■ 45.8097, 30.3496,
-17.0677

■ 49.7839, 21.8023,
-12.0225

■ 54.1462, 13.2561,
-6.8626

■ 58.8411, 4.8315,
-1.6802

Harmonies

Analogous

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



33.2039, 33.8815, -82.3829



33.2031, 63.9887, -33.7945



33.2039, 74.9817, 3.8975

Triad

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



33.2039, 63.9865, -33.7929



33.2039, -4.0157, 23.2427



33.2039, -37.1396, -41.2897

Complementary

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



33.2031, 63.9887, -33.7945



54.0034, -46.0596, 31.9312

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.



33.2039, -41.3045, -0.4281



33.2031, 63.9887, -33.7945



33.2039, -26.7701, 23.1151

Square

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



33.2039, 63.9865, -33.7929



33.2039, 28.5301, 23.2427



33.2039, -38.2937, 18.2739



33.2039, -24.0315, -88.7679

Rectangle

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



33.2031, 63.9887, -33.7945



33.2039, 67.7387, 16.3635



33.2039, -38.2937, 18.2739



33.2039, -39.3784, -25.5386

Sweetspot

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



33.2039, 63.9865, -33.7929



66.3214, 29.7991, -16.4605



17.4249, 46.7079, -119.5424



30.2647, 16.2892, -9.0898



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.



33.2039, 63.9865, -33.7929



44.4153, 85.5662, -44.9713



30.1939, 53.2222, 7.7447



28.5219, 2.0579, -0.6417



28.8356, 55.5828, -29.4357



4.8475, 9.4033, -5.4088

Inverse Universe

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



33.2039, 63.9865, -33.7929



44.4153, 85.5662, -44.9713



54.8103, -41.0366, 20.0795



28.5219, 2.0579, -0.6417



28.8356, 55.5828, -29.4357



4.8475, 9.4033, -5.4088

Previews

White Background



This preview shows how the HunterLab color 33.2031, 63.9887, -33.7945 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 33.2031, 63.9887, -33.7945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

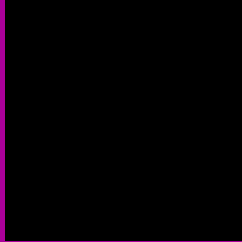
Any Text WCAG AA × Fail

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 33.2031, 63.9887, -33.7945 Background



This preview shows how black text looks on a background with the HunterLab color 33.2031, 63.9887, -33.7945.



This preview shows how white text looks on a background with the HunterLab color 33.2031, 63.9887, -33.7945.

-33.7945.

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

33.2031, 63.9887, -33.7945

Protanopia

34.3718, 11.9214, -68.6968

Deuteranopia

34.3785, 2.3709, -25.6744



Tritanopia

33.7647, 33.5497, 12.6113

Trichromacy



Original Color

33.2031, 63.9887, -33.7945



Protanomaly

27.3647, 29.6773, -77.3364



Deuteranomaly

29.4882, 28.7702, -38.4957



Tritanomaly

32.1438, 46.1889, -0.6986

Monochromacy



Original Color

33.2031, 63.9887, -33.7945



Achromatopsia

24.3949, -1.3017, 1.3254



Achromatomaly

24.0533, 25.7702, -14.4460

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2031, 63.9887, -33.7945 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(171, 0, 155)` looks like.

```
.text, #text, p{  
  color:rgb(171, 0, 155)  
}
```

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(171, 0, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2031, 63.9887, -33.7945 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(171, 0, 155) }
```


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

```
.border{ border-color:rgb(171, 0, 155) }
```

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

Here you see how a box with a 4 pixel rgb(171, 0, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 155);  
box-shadow:4px 4px 4px 4px rgb(171, 0,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.2031, 63.9887, -33.7945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 0, 155) }
```

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

```
.background{ background-color: rgb(171, 0,  
155) }
```

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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