

Converting Colors

HunterLab(16.9333, -4.6358,
11.8533)

Have a look what the booklet for
HunterLab(16.9333, -4.6358,
11.8533) contains.

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Color

**HunterLab(17.0307, -3.9829,
10.4245)**

Conversions

Conversions Part 1

Format	Color
Hex	333100
RGB	51, 49, 0
RGB Percent	20%, 19%, 0%
CMY	0.8000, 0.8078, 1.0000
CMYK	0.00, 0.04, 1.00, 0.80
HSL	58°, 100%, 10%
HSV	58°, 100%, 20%
XYZ	2.4636, 2.9004, 0.4300
YIQ	44.0120, 16.9210, -14.8150

Conversions

Conversions Part 2

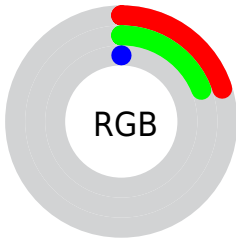
Format	Color
R_{YB}	2, 51, 0
Decimal	3354880
CIE _{Lab}	19.64, -5.65, 27.71
CIE _{LCh}	20, 28.284, 101.530
Yxy	2.9006, 0.4252, 0.5006
Android (android.graphics.Color)	4281544960 (0xFF333100)
YUV	44.0120, -21.6979, 6.1285
Hunter-Lab	17.0307, -3.9829, 10.4245

Details

The HunterLab color **17.0307, -3.9829, 10.4245** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **5.3144, 11.4994, -31.4655**, and the grayscale version is **15.9397, -0.8505, 0.8660**.

A 20% lighter version of the original color is **33.2300, -5.7740, 15.5767**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **17.0311, -3.9836, 10.4247**, and if you desaturate by 10%, it is **17.1129, -3.8713, 9.9696**.

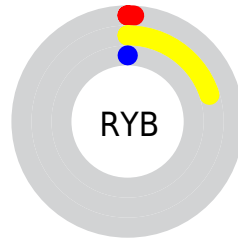
Distribution



Red (20%)

Green (19%)

Blue (0%)



Red (1%)

Yellow (20%)

Blue (0%)

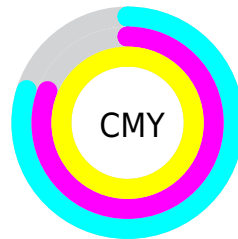


Cyan (0%)

Magenta (4%)

Yellow (100%)

Black (80%)



Cyan (80%)

Magenta (81%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0307, -3.9829, 10.4245 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 17.0307, -3.9829, 10.4245 by changing the saturation by 10% instead.

■ 17.0307, -3.9829,
10.4245

■ 17.0307, -3.9829,
10.4245

■ 112.7227,
-11.9474, 30.6440

■ 10.3926, -3.1246,
7.2748

■ 33.2207, -5.6667,
15.5422

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 42.5675, -6.5166,
17.9645

0.0000, NaN, NaN

■ 52.6564, -7.3793,
20.2579

0.0000, NaN, NaN

■ 63.4363, -8.2575,
22.4544

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 74.8654, -9.1526,
24.5767


0.0000, NaN, NaN


■ 86.9087, -10.0657,


0.0000, NaN, NaN


26.6414


 99.5365, -10.9972,
28.6606


 17.0307, -3.9829,
10.4245


 17.0307, -3.9829,
10.4245


 17.0311, -3.9836,
10.4247

 17.1129, -3.8713,
9.9696

 17.1945, -3.7605,
9.5192

 17.2813, -3.6214,
8.9958

 17.3781, -3.4260,
8.3259

 17.4856, -3.1718,
7.5035

■ 17.6041, -2.8568,
6.5238

■ 17.7341, -2.4798,
5.3837

■ 17.8757, -2.0399,
4.0813

■ 18.0292, -1.5369,
2.6159

Harmonies

Analogous

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



17.0311, 4.4471, 10.2089



17.0307, -3.9829, 10.4245



17.0311, -10.2517, 8.8330

Triad

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



17.0311, -3.9835, 10.4246



17.0311, -11.2859, -12.5224



17.0311, 17.0246, -4.6181

Complementary

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



17.0307, -3.9829, 10.4245



5.3144, 11.4994, -31.4655

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.



17.0311, 11.0155, -14.8038



17.0307, -3.9829, 10.4245



17.0311, -5.6766, -20.6734

Square

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



17.0311, -3.9835, 10.4246



17.0311, -13.8956, -2.3950



17.0311, 2.3990, -21.6650



17.0311, 17.7179, 3.6908

Rectangle

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



17.0307, -3.9829, 10.4245



17.0311, -12.7908, 6.6924



17.0311, 2.3990, -21.6650



17.0311, 15.5125, -8.0141

Sweetspot

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



17.0311, -3.9835, 10.4246



22.8251, -3.2773, 7.1826



8.4227, 14.4897, 4.9280



12.0454, -1.7488, 3.8477



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



17.0311, -3.9835, 10.4246



21.9135, -5.0842, 13.4140



16.1717, -9.9324, 9.7909



9.9360, -0.7930, 1.2872



29.5846, -6.8111, 18.1106



77.4280, -17.5569, 47.4034

Inverse Universe

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



5.3144, 11.4994, -31.4655



6.7327, 15.2722, -41.3835



6.4855, 14.7908, -24.3767



9.3205, -0.2139, -0.2925



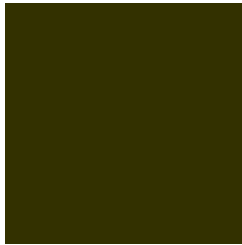
8.9520, 21.2551, -57.0729



22.7620, 58.8506, -155.4922

Previews

White Background



This preview shows how the HunterLab color 17.0307, -3.9829, 10.4245 looks on a white background.

Color Contrast Check

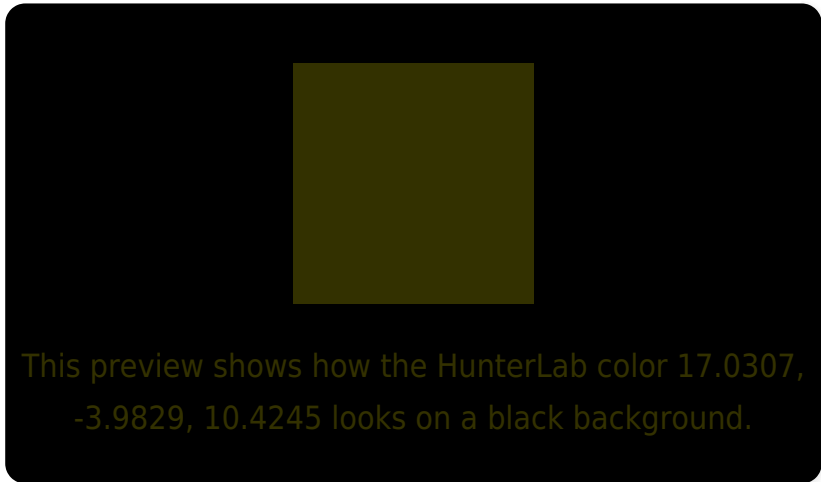
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

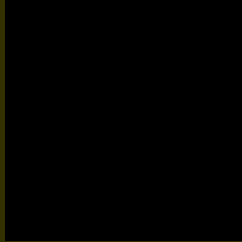
Any Text WCAG AA × Fail

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 17.0307, -3.9829, 10.4245 Background



This preview shows how black text looks on a background with the HunterLab color 17.0307, -3.9829, 10.4245.



This preview shows how white text looks on a background with the HunterLab color 17.0307, -3.9829, 10.4245.

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

17.0307, -3.9829, 10.4245

Deuteranopia

16.8901, 0.4585, 9.7100

Tritanopia

17.2047, 1.5638, 0.6152

Trichromacy



Original Color

17.0307, -3.9829, 10.4245

Deuteranomaly

16.8304, -0.9632, 9.9493

Tritanomaly

16.9966, -1.0519, 5.9328

Monochromacy



Original Color

17.0307, -3.9829, 10.4245

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.2547, -2.5419, 5.9644

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0307, -3.9829, 10.4245 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(51, 49, 0)` looks like.

```
.text, #text, p{  
    color:rgb(51, 49, 0)  
}
```

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(51, 49, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 49, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0307, -3.9829, 10.4245 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(51, 49, 0) }
```

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

```
.border{ border-color:rgb(51, 49, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 49, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 49, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(51, 49, 0); box-shadow:4px  
4px 4px 4px rgb(51, 49, 0) }
```


Background

The CSS property to change the background color of an element to HunterLab 17.0307, -3.9829, 10.4245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 49, 0) }
```

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

```
.background{ background-color: rgb(51, 49,  
0) }
```

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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