

Converting Colors

HunterLab(31.3596, -17.4305,
15.2449)

Have a look what the booklet for
HunterLab(31.3596, -17.4305,
15.2449) contains.

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Color

**HunterLab(31.3343,
-17.4974, 15.2032)**

Conversions

Conversions Part 1

Format	Color
Hex	3B6228
RGB	59, 98, 40
RGB Percent	23%, 38%, 16%
CMY	0.7686, 0.6157, 0.8431
CMYK	0.40, 0.00, 0.59, 0.62
HSL	100°, 42%, 27%
HSV	100°, 59%, 38%
XYZ	6.5543, 9.8184, 3.5572
YIQ	79.7270, -4.6260, -26.3060

Conversions

Conversions Part 2

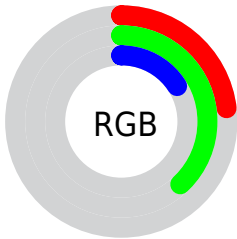
Format	Color
R_{YB}	40, 98, 79
Decimal	3891752
CIE _{Lab}	37.52, -25.63, 28.33
CIE _{LCh}	38, 38.203, 132.134
Yxy	9.8188, 0.3289, 0.4926
Android (android.graphics.Color)	4282081832 (0xFF3B6228)
YUV	79.7270, -19.5854, -18.1776
Hunter-Lab	31.3343, -17.4974, 15.2032

Details

The HunterLab color **31.3343, -17.4974, 15.2032** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **20.1544, 19.5373, -21.2337**, and the grayscale version is **28.2948, -1.5097, 1.5373**.

A 20% lighter version of the original color is **50.4324, -21.8065, 20.0939**, and **15.6391, -12.1261, 9.4245** is the 20% darker color. If you saturate the color by 10%, you get **30.9379, -19.2802, 16.3464**, and if you desaturate by 10%, it is **31.7938, -15.4484, 13.7351**.

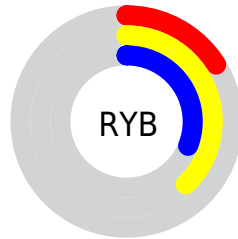
Distribution



Red (23%)

Green (38%)

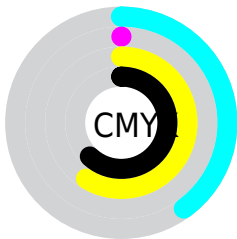
Blue (16%)



Red (16%)

Yellow (38%)

Blue (31%)

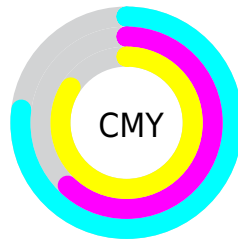


Cyan (40%)

Magenta (0%)

Yellow (59%)

Black (62%)



Cyan (77%)

Magenta (62%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3343, -17.4974, 15.2032 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 31.3343, -17.4974, 15.2032 by changing the saturation by 10% instead.

■ 31.3343, -17.4974,
15.2032

■ 31.3343, -17.4974,
15.2032

■ 137.6132,
-35.1834, 34.6447

■ 22.9760, -15.1224,
12.5071

■ 50.4521, -21.8295,
20.0681

■ 15.5302, -12.5121,
10.3725

■ 61.0888, -23.8610,
22.3234

■ 9.1213, -12.7309,
6.3849

■ 72.3830, -25.8329,
24.4973

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.2984, -27.7593,
26.6080

0.0000, NaN, NaN

■ 96.8042, -29.6505,
28.6689

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.8737,

-31.5145, 30.6903

0.0000, NaN, NaN

123.4836,
-33.3571, 32.6801

31.3343, -17.4974,
15.2032

31.3343, -17.4974,
15.2032

30.9379, -19.2802,
16.3464

31.7938, -15.4484,
13.7351

30.6013, -20.7914,
17.1735

32.3148, -13.1397,
11.9395

30.3230, -22.0343,
17.7035

32.8982, -10.5841,
9.8210

30.0915, -23.0716,
18.0930

33.5432, -7.7968,
7.3892

30.0740, -23.1504,
18.1262

34.2489, -4.7948,
4.6575

■ 35.0139, -1.5965,
1.6422

■ 35.8365, 1.7793,
-1.6384

■ 36.7149, 5.3140,
-5.1651

■ 37.6471, 8.9897,
-8.9180

Harmonies

Analogous

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



31.3350, -7.0348, 17.6690



31.3343, -17.4974, 15.2032



31.3350, -23.0592, 8.4766

Triad

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



31.3350, -17.4980, 15.2034



31.3350, -9.3724, -32.8721



31.3350, 28.5573, 6.5410

Complementary

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



31.3343, -17.4974, 15.2032



20.1544, 19.5373, -21.2337

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.



31.3350, 27.6378, -7.0237



31.3343, -17.4974, 15.2032



31.3350, 4.0742, -34.1457

Square

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



31.3350, -17.4980, 15.2034



31.3350, -18.9544, -20.2671



31.3350, 18.0885, -23.2348



31.3350, 20.4186, 14.3137

Rectangle

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



31.3343, -17.4974, 15.2032



31.3350, -23.9418, 0.7554



31.3350, 18.0885, -23.2348



31.3350, 29.3317, 2.6270

Sweetspot

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



31.3350, -17.4980, 15.2034



44.4613, -10.0728, 9.5598



28.7998, 0.3766, 13.6198



21.5864, -5.2981, 5.0055



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



31.3350, -17.4980, 15.2034



40.7698, -26.3525, 22.1185



30.6828, -19.8854, 12.7996



17.0060, -2.3302, 2.2656



34.6717, -26.8494, 20.8945



79.8657, -63.2023, 48.1064

Inverse Universe

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



20.1544, 19.5373, -21.2337



23.3563, 32.0726, -36.4510



21.9651, 23.0910, -11.1793



16.0944, 0.6139, -0.5535



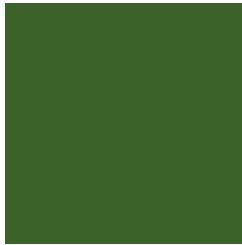
16.3960, 35.2407, -44.9236



37.2420, 80.6227, -106.5115

Previews

White Background



This preview shows how the HunterLab color 31.3343, -17.4974, 15.2032 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

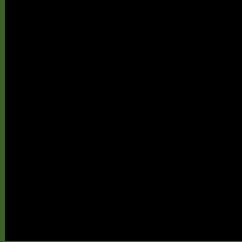
Any Text WCAG AA × Fail

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 31.3343, -17.4974, 15.2032 Background



This preview shows how black text looks on a background with the HunterLab color 31.3343, -17.4974, 15.2032.



This preview shows how white text looks on a background with the HunterLab color 31.3343,

-17.4974, 15.2032.

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

31.3343, -17.4974, 15.2032

Protanopia

31.1604, -3.7730, 15.8045

Deuteranopia

31.1619, 1.6557, 14.6970



Tritanopia

31.3374, -6.2331, -3.1329

Trichromacy



Original Color

31.3343, -17.4974, 15.2032

Protanomaly

31.1112, -9.5019, 15.5096

Deuteranomaly

30.8104, -6.2676, 14.4774

Tritanomaly

31.1115, -11.0828, 5.2408

Monochromacy



Original Color

31.3343, -17.4974, 15.2032

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

29.2844, -8.3677, 7.7732

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3343, -17.4974, 15.2032 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(59, 98, 40)` looks like.

```
.text, #text, p{  
    color:rgb(59, 98, 40)  
}
```

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(59, 98, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 98, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3343, -17.4974, 15.2032 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(59, 98, 40) }
```


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

```
.border{ border-color:rgb(59, 98, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 98, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 98, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 98, 40);  
box-shadow:4px 4px 4px 4px rgb(59, 98, 40)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.3343, -17.4974, 15.2032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 98, 40) }
```

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

```
.background{ background-color: rgb(59, 98,  
40) }
```

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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