

Converting Colors

HunterLab(33.1168, -17.5499,
12.1951)

Have a look what the booklet for
HunterLab(33.1168, -17.5499,
12.1951) contains.

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Color

**HunterLab(33.1168,
-17.5499, 12.1951)**

Conversions

Conversions Part 1

Format	Color
Hex	3B673D
RGB	59, 103, 61
RGB Percent	23%, 40%, 24%
CMY	0.7686, 0.5961, 0.7608
CMYK	0.43, 0.00, 0.41, 0.60
HSL	123°, 27%, 32%
HSV	123°, 43%, 40%
XYZ	7.4962, 10.9672, 6.1367
YIQ	85.0560, -12.7420, -22.3900

Conversions

Conversions Part 2

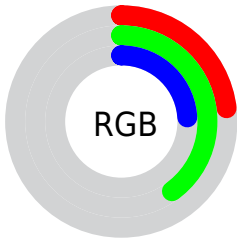
Format	Color
R_{YB}	59, 101, 103
Decimal	3893053
CIE _{Lab}	39.53, -24.91, 19.05
CIE _{LCh}	40, 31.362, 142.590
Yxy	10.9677, 0.3047, 0.4458
Android (android.graphics.Color)	4282083133 (0xFF3B673D)
YUV	85.0560, -11.8596, -22.8511
Hunter-Lab	33.1168, -17.5499, 12.1951

Details

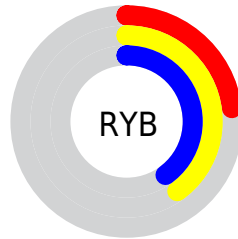
The HunterLab color $[33.1168, -17.5499, 12.1951]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[26.3653, 18.2243, -11.1225]$, and the grayscale version is $[30.2063, -1.6117, 1.6412]$.

A 20% lighter version of the original color is $[52.4085, -21.4757, 15.5502]$, and $[16.8349, -12.6232, 8.1371]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.5376, -20.1633, 13.9538]$, and if you desaturate by 10%, it is $[33.8082, -14.5076, 10.1734]$.

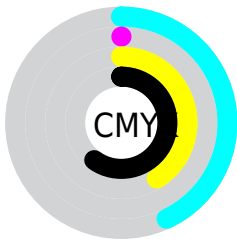
Distribution



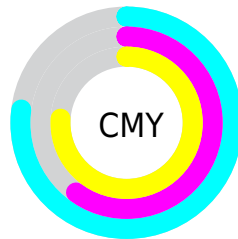
- Red (23%)
- Green (40%)
- Blue (24%)



- Red (23%)
- Yellow (40%)
- Blue (40%)



- Cyan (43%)
- Magenta (0%)
- Yellow (41%)
- Black (60%)



- Cyan (77%)
- Magenta (60%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1168, -17.5499, 12.1951 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 33.1168, -17.5499, 12.1951 by changing the saturation by 10% instead.

■ 33.1168, -17.5499,
12.1951

■ 33.1168, -17.5499,
12.1951

■ 140.5154,
-34.7947, 26.7837

■ 24.5868, -15.2680,
10.3179

■ 52.5361, -21.7417,
15.6746

■ 16.9485, -12.7795,
8.2860

■ 63.3082, -23.7171,
17.3291

■ 10.3225, -11.2473,
7.2258

■ 74.7301, -25.6390,
18.9480

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.7665, -27.5201,
20.5414

0.0000, NaN, NaN

■ 99.3877, -29.3698,
22.1167

0.0000, NaN, NaN

■ 112.5676,

0.0000, NaN, NaN

-31.1953, 23.6795

0.0000, NaN, NaN

126.2836,
-33.0022, 25.2341

■ 33.1168, -17.5499,
12.1951

■ 33.1168, -17.5499,
12.1951

■ 32.5376, -20.1633,
13.9538

■ 33.8082, -14.5076,
10.1734

■ 32.0673, -22.3253,
15.4328

■ 34.6095, -11.0655,
7.9092

■ 31.7030, -24.0284,
16.6244

■ 35.5194, -7.2615,
5.4279

■ 31.4393, -25.2801,
17.5296

■ 36.5352, -3.1367,
2.7567

■ 31.2658, -26.1139,
18.1586

■ 37.6530, 1.2666,
-0.0773

■ 31.1628, -26.6045,
18.4807

■ 38.8683, 5.9074,
-3.0478

■ 40.1763, 10.7472,
-6.1306

■ 41.5720, 15.7510,
-9.3038

■ 43.0502, 20.8883,
-12.5487

Harmonies

Analogous

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



33.1175, -9.8336, 15.9260



33.1168, -17.5499, 12.1951



33.1175, -20.9490, 4.3995

Triad

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



33.1175, -17.5505, 12.1954



33.1175, -4.5694, -26.5346



33.1175, 21.1906, 8.9008

Complementary

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



33.1168, -17.5499, 12.1951



26.3653, 18.2243, -11.1225

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.



33.1175, 23.1036, -1.0231



33.1168, -17.5499, 12.1951



33.1175, 7.1501, -24.0553

Square

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



33.1175, -17.5505, 12.1954



33.1175, -14.1474, -19.6062



33.1175, 17.6649, -13.6707



33.1175, 12.7460, 14.5261

Rectangle

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



33.1168, -17.5499, 12.1951



33.1175, -20.6860, -3.1122



33.1175, 17.6649, -13.6707



33.1175, 22.6617, 6.0634

Sweetspot

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



33.1175, -17.5505, 12.1954



47.4438, -10.0676, 7.4913



35.7972, -7.4611, 15.0743



23.3266, -5.4188, 3.9904



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



33.1175, -17.5505, 12.1954



43.5546, -26.9092, 18.6232



33.5367, -15.0712, 6.1230



17.7327, -2.8289, 2.1893



34.9513, -29.8540, 20.7600



79.7981, -68.3186, 47.7396

Inverse Universe

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



26.3653, 18.2243, -11.1225



32.7907, 30.4928, -18.7421



25.6593, 14.8431, -1.2580



16.9911, 1.0549, -0.3473



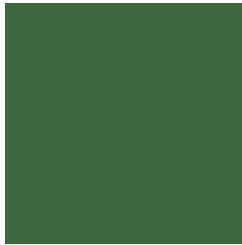
21.7797, 42.4205, -25.6327



49.7034, 96.7529, -58.0696

Previews

White Background



This preview shows how the HunterLab color 33.1168, -17.5499, 12.1951 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 33.1168, -17.5499, 12.1951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

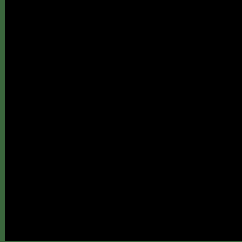
Any Text WCAG AA × Fail

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 33.1168, -17.5499, 12.1951 Background



This preview shows how black text looks on a background with the HunterLab color 33.1168, -17.5499, 12.1951.



This preview shows how white text looks on a background with the HunterLab color 33.1168,

-17.5499, 12.1951.

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

33.1168, -17.5499, 12.1951

Protanopia

33.0012, -3.5567, 13.3185

Deuteranopia

33.0067, 2.0146, 11.6609



Tritanopia

33.1737, -7.7270, -4.0643

Trichromacy



Original Color

33.1168, -17.5499, 12.1951

Protanomaly

32.9140, -9.4620, 12.9050

Deuteranomaly

32.6184, -6.1150, 11.4444

Tritanomaly

33.1306, -11.7373, 2.8990

Monochromacy



Original Color

33.1168, -17.5499, 12.1951

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.1650, -8.0759, 6.0544

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1168, -17.5499, 12.1951 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, 103, 61)` looks like.

```
.text, #text, p{  
    color:rgb(59, 103, 61)  
}
```

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, 103, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 103, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1168, -17.5499, 12.1951 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, 103, 61) }
```


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

```
.border{ border-color:rgb(59, 103, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 103, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 103, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 103, 61);  
box-shadow:4px 4px 4px 4px rgb(59, 103,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.1168, -17.5499, 12.1951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 103, 61) }
```

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

```
.background{ background-color: rgb(59, 103,  
61) }
```

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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