

Converting Colors

HunterLab(33.4668, 3.2198,
18.1511)

Have a look what the booklet for
HunterLab(33.4668, 3.2198,
18.1511) contains.

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Color

**HunterLab(33.5375, 3.0100,
18.1746)**

Conversions

Conversions Part 1

Format	Color
Hex	785921
RGB	120, 89, 33
RGB Percent	47%, 35%, 13%
CMY	0.5294, 0.6510, 0.8706
CMYK	0.00, 0.26, 0.72, 0.53
HSL	39°, 57%, 30%
HSV	39°, 72%, 47%
XYZ	11.5926, 11.2476, 2.9989
YIQ	91.8850, 36.4520, -10.8440

Conversions

Conversions Part 2

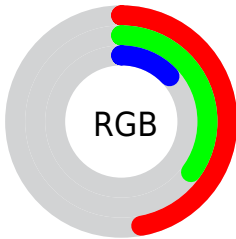
Format	Color
R_{YB}	81, 120, 33
Decimal	7887137
CIE _{Lab}	40.00, 6.60, 36.14
CIE _{LCh}	40, 36.742, 79.645
Yxy	11.2482, 0.4486, 0.4353
Android (android.graphics.Color)	4286077217 (0xFF785921)
YUV	91.8850, -29.0303, 24.6569
Hunter-Lab	33.5375, 3.0100, 18.1746

Details

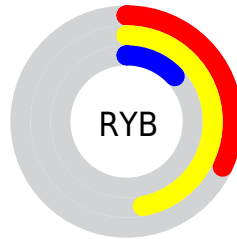
The HunterLab color **33.5375, 3.0100, 18.1746** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **23.1215, 4.7055, -31.2355**, and the grayscale version is **32.7670, -1.7484, 1.7803**.

A 20% lighter version of the original color is **53.0785, 2.6102, 24.0569**, and **17.4078, 3.2166, 10.7829** is the 20% darker color. If you saturate the color by 10%, you get **32.4059, 4.4763, 18.7485**, and if you desaturate by 10%, it is **34.7279, 1.7191, 17.1904**.

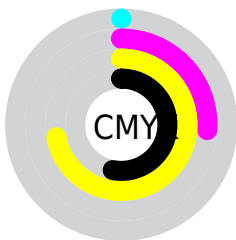
Distribution



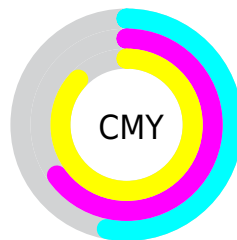
- Red (47%)
- Green (35%)
- Blue (13%)



- Red (32%)
- Yellow (47%)
- Blue (13%)



- Cyan (0%)
- Magenta (26%)
- Yellow (72%)
- Black (53%)



- Cyan (53%)
- Magenta (65%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5375, 3.0100, 18.1746 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 33.5375, 3.0100, 18.1746 by changing the saturation by 10% instead.

■ 33.5375, 3.0100,
18.1746

■ 33.5375, 3.0100,
18.1746

■ 141.1958, 0.0799,
41.5822

■ 24.9680, 3.0422,
14.8794

■ 53.0266, 2.7196,
24.1191

■ 17.2856, 2.9833,
12.0999

■ 63.8301, 2.4828,
26.8602

■ 10.6086, 2.8071,
7.4260

■ 75.2816, 2.1928,
29.4898

0.0000, INF, NaN

0.0000, NaN, NaN

■ 87.3461, 1.8543,
32.0300

0.0000, NaN, NaN

■ 99.9940, 1.4709,
34.4976

0.0000, NaN, NaN

■ 113.1996, 1.0457,

0.0000, NaN, NaN

36.9056

0.0000, NaN, NaN

126.9402, 0.5813,
39.2643

33.5375, 3.0100,
18.1746

33.5375, 3.0100,
18.1746

32.4059, 4.4763,
18.7485

34.7279, 1.7191,
17.1904

31.3314, 6.1119,
18.9241

35.9731, 0.6124,
15.7969

30.5535, 7.3881,
18.9563

37.2721, -0.3117,
14.0047

38.6224, -1.0565,
11.8296

40.0220, -1.6273,
9.2905

■ 41.4683, -2.0310,
6.4080

■ 42.9591, -2.2753,
3.2031

■ 44.4920, -2.3684,
-0.3031

■ 46.0650, -2.3188,
-4.0903

Harmonies

Analogous

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



33.5383, 16.7480, 15.7280



33.5375, 3.0100, 18.1746



33.5383, -10.0881, 17.7589

Triad

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



33.5383, 3.0084, 18.1749



33.5383, -22.9235, -7.5936



33.5383, 20.3970, -18.4491

Complementary

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



33.5375, 3.0100, 18.1746



23.1215, 4.7055, -31.2355

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.



33.5383, 7.3996, -30.7961



33.5375, 3.0100, 18.1746



33.5383, -17.0135, -23.0031

Square

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



33.5383, 3.0084, 18.1749



33.5383, -23.7169, 5.9717



33.5383, -6.3354, -32.7308



33.5383, 27.7901, -2.9285

Rectangle

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



33.5375, 3.0100, 18.1746



33.5383, -16.8128, 15.8268



33.5383, -6.3354, -32.7308



33.5383, 16.4508, -23.3313

Sweetspot

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



33.5383, 3.0084, 18.1749



53.0699, -2.1555, 12.3359



23.3696, 29.6861, 2.2701



25.6408, -0.9802, 6.3723



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



33.5383, 3.0084, 18.1749



42.0233, 7.3522, 25.0749



40.9340, -13.9687, 22.8945



20.9881, -1.0660, 2.6751



31.8700, 7.8004, 19.7747



68.4094, 19.4043, 42.4933

Inverse Universe

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



23.1215, 4.7055, -31.2355



25.9297, 12.1002, -55.2726



17.2997, 21.3039, -49.8662



20.2624, -1.0700, -0.5344



18.2198, 13.3638, -51.6218



37.8945, 33.9873, -120.7337

Previews

White Background



This preview shows how the HunterLab color 33.5375, 3.0100, 18.1746 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 33.5375, 3.0100, 18.1746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

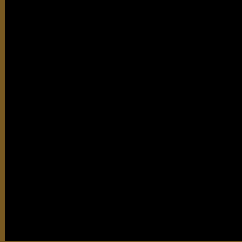
Any Text WCAG AA × Fail

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 33.5375, 3.0100, 18.1746 Background



This preview shows how black text looks on a background with the HunterLab color 33.5375, 3.0100, 18.1746.



This preview shows how white text looks on a background with the HunterLab color 33.5375, 3.0100,

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

33.5375, 3.0100, 18.1746

Protanopia

33.7193, -4.2750, 17.9069

Deuteranopia

33.5763, 1.8567, 18.1813



Tritanopia

33.4810, 12.0538, 3.7126

Trichromacy



Original Color

33.5375, 3.0100, 18.1746

Protanomaly

33.6507, -1.8197, 18.0371

Deuteranomaly

33.6810, 2.2089, 18.2599

Tritanomaly

33.3731, 8.4071, 10.7090

Monochromacy



Original Color

33.5375, 3.0100, 18.1746

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.8053, -1.0499, 9.4222

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5375, 3.0100, 18.1746 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(120, 89, 33)` looks like.

```
.text, #text, p{  
    color:rgb(120, 89, 33)  
}
```

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(120, 89, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 89, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5375, 3.0100, 18.1746 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(120, 89, 33) }
```


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

```
.border{ border-color:rgb(120, 89, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 89, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 89, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 89, 33);  
box-shadow:4px 4px 4px 4px rgb(120, 89,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.5375, 3.0100, 18.1746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 89, 33) }
```

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

```
.background{ background-color: rgb(120, 89,  
33) }
```

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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