

Converting Colors

HunterLab(33.1642, -22.4664,
20.8852)

Have a look what the booklet for
HunterLab(33.1642, -22.4664,
20.8852) contains.

HunterLab(33.3471, -22.3354, 20.1573)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.3471,
-22.3354, 20.1573)**

Conversions

Conversions Part 1

Format	Color
Hex	376A00
RGB	55, 106, 0
RGB Percent	22%, 42%, 0%
CMY	0.7843, 0.5843, 1.0000
CMYK	0.48, 0.00, 1.00, 0.58
HSL	89°, 100%, 21%
HSV	89°, 100%, 42%
XYZ	6.7296, 11.1203, 1.7917
YIQ	78.6670, 3.6300, -43.7780

Conversions

Conversions Part 2

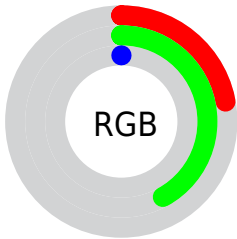
Format	Color
RYB	0, 106, 51
Decimal	3631616
CIELab	39.78, -33.59, 45.30
CIELCh	40, 56.400, 126.557
Yxy	11.1208, 0.3426, 0.5662
Android (android.graphics.Color)	4281821696 (0xFF376A00)
YUV	78.6670, -38.7828, -20.7560
Hunter-Lab	33.3471, -22.3354, 20.1573

Details

The HunterLab color **33.3471, -22.3354, 20.1573** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **13.2091, 30.4966, -52.5341**, and the grayscale version is **27.9771, -1.4928, 1.5201**.

A 20% lighter version of the original color is **52.8750, -27.7121, 27.4565**, and **17.3957, -14.9168, 10.4580** is the 20% darker color. If you saturate the color by 10%, you get **33.3477, -22.3367, 20.1576**, and if you desaturate by 10%, it is **33.6089, -21.2026, 19.8008**.

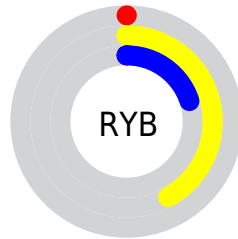
Distribution



Red (22%)

Green (42%)

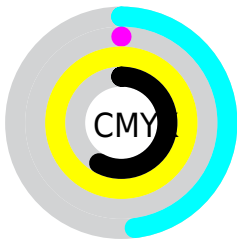
Blue (0%)



Red (0%)

Yellow (42%)

Blue (20%)

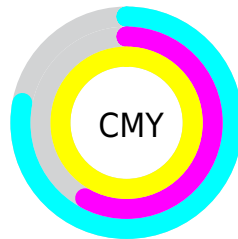


Cyan (48%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (78%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3471, -22.3354, 20.1573 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 33.3471, -22.3354, 20.1573 by changing the saturation by 10% instead.

■ 33.3471, -22.3354,
20.1573

■ 33.3471, -22.3354,
20.1573

■ 140.8880,
-43.8477, 48.5182

■ 24.7954, -19.3581,
16.3461

■ 52.8046, -27.7151,
27.4598

■ 17.1329, -16.0715,
11.9930

■ 63.5940, -30.2128,
30.8119

■ 10.4789, -14.7721,
7.3352

■ 75.0320, -32.6214,
34.0129

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.0839, -34.9600,
37.0896

0.0000, NaN, NaN

■ 99.7197, -37.2423,
40.0632


0.0000, NaN, NaN


■ 112.9137,


0.0000, NaN, NaN


-39.4791, 42.9506


0.0000, NaN, NaN


 126.6432,
-41.6786, 45.7653


 33.3471, -22.3354,
20.1573


 33.3471, -22.3354,
20.1573


 33.3477, -22.3367,
20.1576

 33.6089, -21.2026,
19.8008

 33.9030, -19.9224,
19.2838

 34.2419, -18.4290,
18.4348

 34.6277, -16.7168,
17.2285

 35.0615, -14.7852,
15.6488

■ 35.5442, -12.6368,
13.6874

■ 36.0761, -10.2775,
11.3424

■ 36.6573, -7.7154,
8.6171

■ 37.2873, -4.9605,
5.5194

Harmonies

Analogous

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



33.3478, -6.2066, 21.7822



33.3471, -22.3354, 20.1573



33.3478, -31.0115, 13.6410

Triad

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



33.3478, -22.3361, 20.1574



33.3478, -16.1885, -54.9792



33.3478, 47.7054, 5.8567

Complementary

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



33.3471, -22.3354, 20.1573



13.2091, 30.4966, -52.5341

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.



33.3478, 43.1708, -17.0412



33.3471, -22.3354, 20.1573



33.3478, 2.8879, -61.9878

Square

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



33.3478, -22.3361, 20.1574



33.3478, -28.1148, -29.5395



33.3478, 25.4000, -45.1883



33.3478, 36.6043, 17.4116

Rectangle

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



33.3471, -22.3354, 20.1573



33.3478, -32.9439, 4.0108



33.3478, 25.4000, -45.1883



33.3478, 47.9923, -0.5406

Sweetspot

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



33.3478, -22.3361, 20.1574



47.7304, -13.8864, 15.3044



23.0229, 14.4647, 14.4394



22.9951, -7.1908, 7.8834



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.



33.3478, -22.3361, 20.1574



44.0992, -29.9102, 26.6501



32.1425, -27.3794, 19.3264



18.7477, -2.3432, 2.6010



37.1217, -24.9944, 22.4367



83.4845, -57.6958, 50.4327

Inverse Universe

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



13.2091, 30.4966, -52.5341



17.3018, 40.1851, -70.6425



19.7308, 39.0621, -28.1344



17.5782, 0.4541, -0.7461



14.6457, 33.8987, -58.8882



32.2758, 75.6606, -137.1828

Previews

White Background



This preview shows how the HunterLab color 33.3471, -22.3354, 20.1573 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 33.3471, -22.3354, 20.1573 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 33.3471, -22.3354, 20.1573 Background



This preview shows how black text looks on a background with the HunterLab color 33.3471, -22.3354, 20.1573.



This preview shows how white text looks on a background with the HunterLab color 33.3471,

-22.3354, 20.1573.

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

33.3471, -22.3354, 20.1573

Protanopia

33.2710, -4.8605, 20.4163

Deuteranopia

33.2479, 1.8840, 19.1666



Tritanopia

33.5104, -7.9459, -3.6157

Trichromacy



Original Color

33.3471, -22.3354, 20.1573

Protanomaly

32.8049, -12.2561, 19.9997

Deuteranomaly

32.6328, -8.4753, 19.2050

Tritanomaly

33.1632, -15.6279, 10.6677

Monochromacy



Original Color

33.3471, -22.3354, 20.1573

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

29.4570, -11.1081, 11.8830

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3471, -22.3354, 20.1573 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(55, 106, 0)` looks like.

```
.text, #text, p{  
    color:rgb(55, 106, 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(55, 106, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 106, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3471, -22.3354, 20.1573 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(55, 106, 0) }
```


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

```
.border{ border-color:rgb(55, 106, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 106, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 106, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 106, 0);  
box-shadow:4px 4px 4px 4px rgb(55, 106, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.3471, -22.3354, 20.1573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 106, 0) }
```

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

```
.background{ background-color: rgb(55, 106,  
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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