

Converting Colors

HunterLab(21.3991, -14.0112,
9.9137)

Have a look what the booklet for
HunterLab(21.3991, -14.0112,
9.9137) contains.

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Color

**HunterLab(21.4172,
-14.0052, 9.9107)**

Conversions

Conversions Part 1

Format	Color
Hex	1C451C
RGB	28, 69, 28
RGB Percent	11%, 27%, 11%
CMY	0.8902, 0.7294, 0.8902
CMYK	0.59, 0.00, 0.59, 0.73
HSL	120°, 42%, 19%
HSV	120°, 59%, 27%
XYZ	2.8166, 4.5870, 1.8355
YIQ	52.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

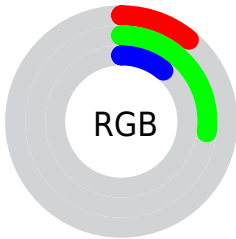
Format	Color
R_{YB}	28, 69, 69
Decimal	1852700
CIE _{Lab}	25.52, -24.26, 20.31
CIE _{LCh}	26, 31.637, 140.058
Yxy	4.5872, 0.3049, 0.4965
Android (android.graphics.Color)	4280042780 (0xFF1C451C)
YUV	52.0670, -11.8650, -21.1068
Hunter-Lab	21.4172, -14.0052, 9.9107

Details

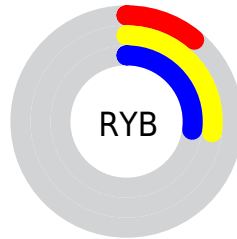
The HunterLab color **21.4172, -14.0052, 9.9107** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **15.8918, 16.4874, -10.9252**, and the grayscale version is **18.5954, -0.9922, 1.0103**.

A 20% lighter version of the original color is **38.6968, -18.5400, 13.8624**, and **9.1132, -7.8146, 5.4787** is the 20% darker color. If you saturate the color by 10%, you get **21.1459, -15.2611, 10.7598**, and if you desaturate by 10%, it is **21.7550, -12.4724, 8.8743**.

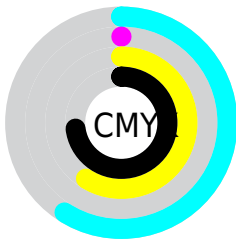
Distribution



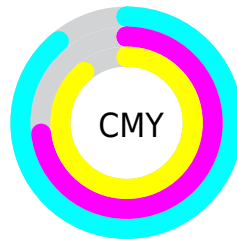
- Red (11%)
- Green (27%)
- Blue (11%)



- Red (11%)
- Yellow (27%)
- Blue (27%)



- Cyan (59%)
- Magenta (0%)
- Yellow (59%)
- Black (73%)



- Cyan (89%)
- Magenta (73%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4172, -14.0052, 9.9107 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 21.4172, -14.0052, 9.9107 by changing the saturation by 10% instead.

■ 21.4172, -14.0052,
9.9107

■ 21.4172, -14.0052,
9.9107

120.7324,
-31.6317, 25.6954

■ 14.1673, -11.4677,
8.0284

■ 38.6266, -18.4508,
13.8590

■ 7.8206, -13.6860,
5.4744

■ 48.4168, -20.4893,
15.6758

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.9178, -22.4507,
17.4279

0.0000, NaN, NaN

■ 70.0842, -24.3551,
19.1334

0.0000, NaN, NaN

■ 81.8786, -26.2163,
20.8049

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.2691, -28.0447,

22.4514

0.0000, NaN, NaN

107.2283,
-29.8478, 24.0798

21.4172, -14.0052,
9.9107

21.4172, -14.0052,
9.9107

21.1459, -15.2611,
10.7598

21.7550, -12.4724,
8.8743

20.9372, -16.2379,
11.4203

22.1590, -10.6706,
7.6563

20.7835, -16.9645,
11.9116

22.6301, -8.6154,
6.2672

20.6395, -17.6510,
12.3759

23.1676, -6.3266,
4.7204

20.6311, -17.6912,
12.4030

23.7701, -3.8272,
3.0316

■ 24.4357, -1.1413,
1.2171

■ 25.1621, 1.7066,
-0.7065

■ 25.9466, 4.6931,
-2.7232

■ 26.7864, 7.7964,
-4.8184

Harmonies

Analogous

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



21.4176, -7.3601, 12.2256



21.4172, -14.0052, 9.9107



21.4176, -17.0106, 4.0951

Triad

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



21.4176, -14.0055, 9.9108



21.4176, -4.3701, -25.8873



21.4176, 20.1276, 6.5478

Complementary

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



21.4172, -14.0052, 9.9107



15.8918, 16.4874, -10.9252

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.



21.4176, 21.3316, -2.2463



21.4172, -14.0052, 9.9107



21.4176, 5.8735, -24.1881

Square

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



21.4176, -14.0055, 9.9108



21.4176, -12.1639, -18.1866



21.4176, 15.7218, -14.2563



21.4176, 12.6837, 10.9956

Rectangle

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



21.4172, -14.0052, 9.9107



21.4176, -17.0060, -2.2889



21.4176, 15.7218, -14.2563



21.4176, 21.3222, 4.1264

Sweetspot

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



21.4176, -14.0055, 9.9108



30.1557, -8.0010, 5.9852



23.6760, -5.3035, 11.7449



15.6329, -4.4163, 3.2854



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.4176, -14.0055, 9.9108



27.3470, -20.4338, 14.3894



21.7276, -12.1364, 5.3966



12.8756, -1.9588, 1.5644



30.0153, -25.7381, 18.0447



74.1018, -63.5423, 44.5487

Inverse Universe

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



15.8918, 16.4874, -10.9252



18.9613, 26.3545, -17.5797



15.2097, 13.4437, -1.5055



12.3906, 0.6604, -0.2255



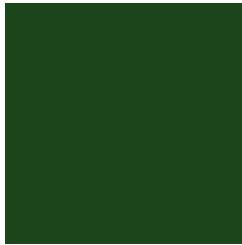
18.9408, 37.2382, -24.9812



46.7610, 91.9336, -61.6735

Previews

White Background



This preview shows how the HunterLab color 21.4172, -14.0052, 9.9107 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

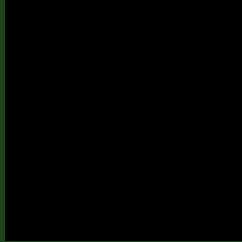
Any Text WCAG AA × Fail

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 21.4172, -14.0052, 9.9107 Background



This preview shows how black text looks on a background with the HunterLab color 21.4172, -14.0052, 9.9107.



This preview shows how white text looks on a background with the HunterLab color 21.4172,

-14.0052, 9.9107.

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

21.4172, -14.0052, 9.9107

Protanopia

21.4499, -2.9276, 10.6239

Deuteranopia

21.4030, 0.7786, 9.6110



Tritanopia

21.5287, -6.2090, -2.8004

Trichromacy



Original Color

21.4172, -14.0052, 9.9107

Protanomaly

21.2091, -7.7598, 10.2011

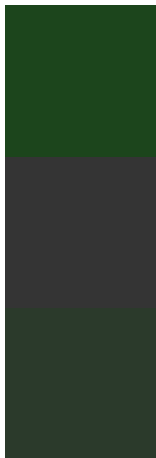
Deuteranomaly

20.9972, -5.7645, 9.3691

Tritanomaly

21.2423, -9.4650, 2.8353

Monochromacy



Original Color

21.4172, -14.0052, 9.9107

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.2721, -6.4458, 4.7312

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4172, -14.0052, 9.9107 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(28, 69, 28)` looks like.

```
.text, #text, p{  
    color:rgb(28, 69, 28)  
}
```

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(28, 69, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 69, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4172, -14.0052, 9.9107 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(28, 69, 28) }
```


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

```
.border{ border-color:rgb(28, 69, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 69, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 69, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 69, 28);  
box-shadow:4px 4px 4px 4px rgb(28, 69, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4172, -14.0052, 9.9107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 69, 28) }
```

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

```
.background{ background-color: rgb(28, 69,  
28) }
```

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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