

Converting Colors

HunterLab(71.1464, -22.3376,
17.2380)

Have a look what the booklet for
HunterLab(71.1464, -22.3376,
17.2380) contains.

HunterLab(71.1464, -22.3376, 17.2380)	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(71.1464,
-22.3376, 17.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	9FC79C
RGB	159, 199, 156
RGB Percent	62%, 78%, 61%
CMY	0.3765, 0.2196, 0.3882
CMYK	0.20, 0.00, 0.22, 0.22
HSL	116°, 28%, 70%
HSV	116°, 22%, 78%
XYZ	40.7223, 50.6181, 39.0765
YIQ	182.1380, -10.0370, -21.8530

Conversions

Conversions Part 2

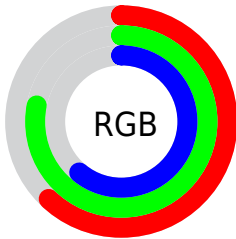
Format	Color
RYB	156, 199, 196
Decimal	10471324
CIELab	76.45, -21.54, 17.26
CIELCh	76, 27.608, 141.294
Yxy	50.6203, 0.3122, 0.3881
Android (android.graphics.Color)	4288661404 (0xFF9FC79C)
YUV	182.1380, -12.8860, -20.2920
Hunter-Lab	71.1464, -22.3376, 17.2380

Details

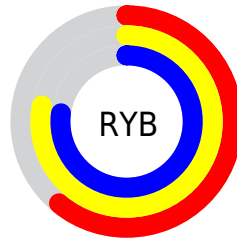
The HunterLab color $71.1464, -22.3376, 17.2380$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $62.9585, 17.3056, -11.7893$, and the grayscale version is $68.5091, -3.6555, 3.7222$.

A 20% lighter version of the original color is $95.1416, -25.3186, 19.7775$, and $49.3928, -18.7183, 14.0654$ is the 20% darker color. If you saturate the color by 10%, you get $69.4603, -29.6247, 22.3681$, and if you desaturate by 10%, it is $73.0665, -14.2680, 11.4847$.

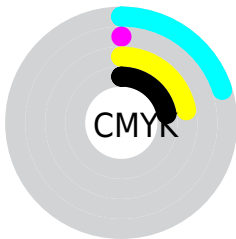
Distribution



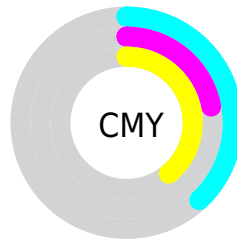
- Red (62%)
- Green (78%)
- Blue (61%)



- Red (61%)
- Yellow (78%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)
- Black (22%)



- Cyan (38%)
- Magenta (22%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.1464, -22.3376, 17.2380 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 71.1464, -22.3376, 17.2380 by changing the saturation by 10% instead.

■ 71.1464, -22.3376,
17.2380

■ 71.1464, -22.3376,
17.2380

197.2528,
-37.2930, 30.5731

■ 59.9220, -20.5915,
15.7132

■ 95.4428, -25.7447,
20.2325

■ 49.3579, -18.7998,
14.1564

■ 108.4533,
-27.4176, 21.7129

■ 39.4998, -16.9474,
12.5544

122.0065,
-29.0775, 23.1880

■ 30.4027, -15.0098,
10.8864

136.0816,
-30.7283, 24.6610

■ 22.1363, -12.9481,
9.1198

150.6598,
-32.3730, 26.1342

■ 14.7946, -10.6944,
7.2474

165.7243,

■ 8.4491, -11.5623,

-34.0140, 27.6097

5.9144

181.2599,
-35.6535, 29.0889

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.1464, -22.3376,
17.2380

■ 71.1464, -22.3376,
17.2380

■ 69.4603, -29.6247,
22.3681

■ 73.0665, -14.2680,
11.4847

■ 68.0076, -36.0432,
26.8165

■ 75.2095, -5.5016,
5.1699

■ 66.7907, -41.5279,
30.5410

■ 77.5685, 3.8679,
-1.6383

■ 65.8067, -46.0346,
33.5176

■ 80.1337, 13.7505,
-8.8733

■ 65.0483, -49.5483,

■ 82.8751, 23.9619,

35.7462

-16.1969

■ 64.5031, -52.0894,
37.2560

■ 83.2640, 25.1787,
-15.6200

■ 64.1527, -53.7201,
38.1114

■ 63.9854, -54.4963,
38.4734

Harmonies

Analogous

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



71.1479, -12.6839, 22.7141



71.1464, -22.3376, 17.2380



71.1479, -26.9402, 7.3914

Triad

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



71.1479, -22.3391, 17.2388



71.1479, -7.5579, -23.9880



71.1479, 21.1172, 12.0062

Complementary

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



71.1464, -22.3376, 17.2380



62.9585, 17.3056, -11.7893

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.



71.1479, 22.7367, 0.1648



71.1464, -22.3376, 17.2380



71.1479, 5.5422, -22.1457

Square

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



71.1479, -22.3391, 17.2388



71.1479, -18.8188, -17.3824



71.1479, 16.8559, -12.7261



71.1479, 12.5780, 20.0933

Rectangle

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



71.1464, -22.3376, 17.2380



71.1479, -26.7693, -0.9617



71.1479, 16.8559, -12.7261



71.1479, 22.5122, 8.3901

Sweetspot

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



71.1479, -22.3391, 17.2388



98.2106, -12.5813, 10.6695



73.3227, -8.6257, 19.5964



45.3496, -6.1770, 5.1929

0.0000, NaN, NaN



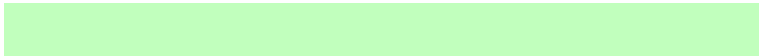
46.2646, -2.4686, 2.5136

Same Dimension

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



71.1479, -22.3391, 17.2388



93.0383, -34.2965, 26.1575



71.3931, -20.5099, 10.4115



34.5291, -5.8105, 4.7547



51.3218, -43.6389, 30.8603



11.2238, -9.2565, 6.7540

Inverse Universe

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



62.9585, 17.3056, -11.7893



79.9248, 29.2905, -20.4201



62.6578, 15.1052, -2.5366



32.8291, 2.3982, -1.2520



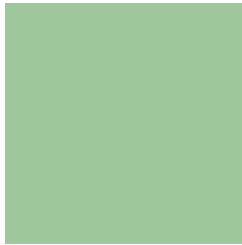
30.5111, 60.9413, -47.6484



6.7258, 13.3847, -10.1238

Previews

White Background



This preview shows how the HunterLab color 71.1464, -22.3376, 17.2380 looks on a white 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

Black Background



This preview shows how the HunterLab color 71.1464, -22.3376, 17.2380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

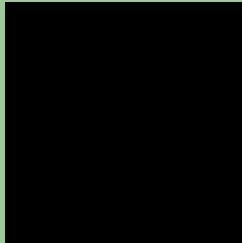
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 71.1464, -22.3376, 17.2380 Background



This preview shows how black text looks on a background with the HunterLab color 71.1464, -22.3376, 17.2380.



This preview shows how white text looks on a background with the HunterLab color 71.1464,

-22.3376, 17.2380.

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

71.1464, -22.3376, 17.2380

Protanopia

71.0494, -5.2804, 19.2555

Deuteranopia

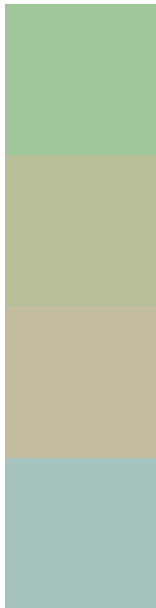
70.8412, 5.0072, 15.9049



Tritanopia

71.0838, -8.2309, -5.5799

Trichromacy



Original Color

71.1464, -22.3376, 17.2380

Protanomaly

70.9320, -11.8777, 18.3094

Deuteranomaly

70.7614, -5.9105, 16.0160

Tritanomaly

71.1761, -13.9382, 3.9826

Monochromacy



Original Color

71.1464, -22.3376, 17.2380

Achromatopsia

68.3947, -3.6494, 3.7160

Achromatomaly

69.2692, -10.4617, 8.6607

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.1464, -22.3376, 17.2380 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(159, 199, 156)` looks like.

```
.text, #text, p{  
    color:rgb(159, 199, 156)  
}
```

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(159, 199, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 199, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 71.1464, -22.3376, 17.2380 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(159, 199, 156) }
```


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

```
.border{ border-color:rgb(159, 199, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 199, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 199, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 199, 156);  
box-shadow:4px 4px 4px 4px rgb(159, 199,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.1464, -22.3376, 17.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 199, 156) }
```

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

```
.background{ background-color: rgb(159,  
199, 156) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor