

Converting Colors

HunterLab(49.7093, -31.4788,
20.8951)

Have a look what the booklet for
HunterLab(49.7093, -31.4788,
20.8951) contains.

HunterLab(49.7153, -31.4399, 20.8001)	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(49.7153,
-31.4399, 20.8001)**

Conversions

Conversions Part 1

Format	Color
Hex	479951
RGB	71, 153, 81
RGB Percent	28%, 60%, 32%
CMY	0.7216, 0.4000, 0.6823
CMYK	0.54, 0.00, 0.47, 0.40
HSL	127°, 37%, 44%
HSV	127°, 54%, 60%
XYZ	15.4749, 24.7161, 11.7397
YIQ	120.2740, -25.7600, -39.7760

Conversions

Conversions Part 2

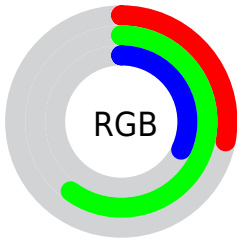
Format	Color
R_{YB}	71, 144, 153
Decimal	4692305
CIE _{Lab}	56.80, -40.76, 30.32
CIE _{LCh}	57, 50.803, 143.354
Yxy	24.7171, 0.2980, 0.4759
Android (android.graphics.Color)	4282882385 (0xFF479951)
YUV	120.2740, -19.3621, -43.2133
Hunter-Lab	49.7153, -31.4399, 20.8001

Details

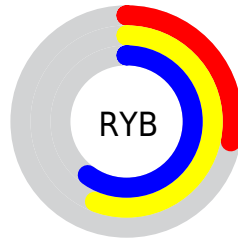
The HunterLab color **49.7153, -31.4399, 20.8001** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **36.4175, 36.0085, -19.2380**, and the grayscale version is **43.5254, -2.3224, 2.3648**.

A 20% lighter version of the original color is **71.5635, -37.1255, 25.3613**, and **30.7177, -24.8902, 15.5713** is the 20% darker color. If you saturate the color by 10%, you get **49.0180, -34.6687, 23.0662**, and if you desaturate by 10%, it is **50.5887, -27.4977, 18.1594**.

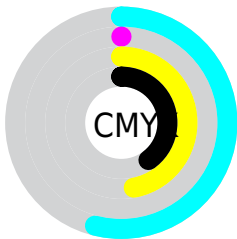
Distribution



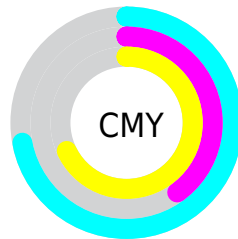
- Red (28%)
- Green (60%)
- Blue (32%)



- Red (28%)
- Yellow (56%)
- Blue (60%)



- Cyan (54%)
- Magenta (0%)
- Yellow (47%)
- Black (40%)



- Cyan (72%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7153, -31.4399, 20.8001 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 49.7153, -31.4399, 20.8001 by changing the saturation by 10% instead.

■ 49.7153, -31.4399,
20.8001

■ 49.7153, -31.4399,
20.8001

166.2607,
-55.2349, 40.2130

■ 39.8327, -28.2903,
18.2872

■ 71.5528, -37.2801,
25.4949

■ 30.7078, -24.9189,
15.6155

■ 83.4247, -40.0330,
27.7235

■ 22.4109, -21.2416,
12.7303

■ 95.8892, -42.7031,
29.8947

■ 15.0349, -17.1386,
10.5244

■ 108.9191,
-45.3054, 32.0198

■ 8.6756, -15.1824,
6.0729

■ 122.4910,
-47.8514, 34.1078

0.0000, NaN, NaN

0.0000, NaN, NaN

136.5840,

-50.3502, 36.1657

0.0000, NaN, NaN

151.1795,
-52.8094, 38.1992

0.0000, NaN, NaN

■ 49.7153, -31.4399,
20.8001

■ 49.7153, -31.4399,
20.8001

■ 49.0180, -34.6687,
23.0662

■ 50.5887, -27.4977,
18.1594

■ 48.4873, -37.1738,
24.9391

■ 51.6381, -22.8702,
15.1706

■ 48.1138, -38.9745,
26.4138

■ 52.8644, -17.6055,
11.8687

■ 47.8822, -40.1204,
27.4984

■ 54.2652, -11.7628,
8.2932

■ 47.7800, -40.6286,
27.9847

■ 55.8360, -5.4083,
4.4849

■ 57.5706, 1.3899,
0.4841

■ 59.4620, 8.5651,
-3.6711

■ 61.5022, 16.0548,
-7.9465

■ 63.6831, 23.8025,
-12.3121

Harmonies

Analogous

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



49.7163, -17.8754, 26.8369



49.7153, -31.4399, 20.8001



49.7163, -37.1551, 7.0089

Triad

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



49.7163, -31.4407, 20.8005



49.7163, -7.3088, -53.6520



49.7163, 40.8240, 15.8087

Complementary

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



49.7153, -31.4399, 20.8001



36.4175, 36.0085, -19.2380

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.



49.7163, 44.9322, -2.0191



49.7153, -31.4399, 20.8001



49.7163, 14.6491, -48.0151

Square

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



49.7163, -31.4407, 20.8005



49.7163, -24.8214, -39.8158



49.7163, 34.6694, -26.6273



49.7163, 24.2366, 24.9195

Rectangle

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



49.7153, -31.4399, 20.8001



49.7163, -36.5666, -7.1624



49.7163, 34.6694, -26.6273



49.7163, 43.8138, 10.8919

Sweetspot

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



49.7163, -31.4407, 20.8005



72.0856, -17.9400, 12.4330



53.9602, -15.2621, 26.4327



33.7065, -9.1230, 6.2651



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



49.7163, -31.4407, 20.8005



65.4627, -47.0207, 31.3228



50.5148, -26.6460, 9.2138



26.3386, -4.3368, 3.1910



43.4397, -36.9142, 25.3914



5.3377, -4.3491, 2.7169

Inverse Universe

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



36.4175, 36.0085, -19.2380



44.8850, 58.2731, -30.7693



34.9958, 29.6021, 0.5937



25.1210, 1.7185, -0.4424



26.5158, 50.8158, -24.7779



3.2908, 6.3836, -3.6720

Previews

White Background



This preview shows how the HunterLab color 49.7153, -31.4399, 20.8001 looks on a white 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

Black Background



This preview shows how the HunterLab color 49.7153, -31.4399, 20.8001 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 × Fail

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

HunterLab 49.7153, -31.4399, 20.8001 Background



This preview shows how black text looks on a background with the HunterLab color 49.7153, -31.4399, 20.8001.



This preview shows how white text looks on a background with the HunterLab color 49.7153,

-31.4399, 20.8001.

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

49.7153, -31.4399, 20.8001

Protanopia

49.5034, -5.6135, 22.4329

Deuteranopia

49.1682, 3.5348, 19.4861



Tritanopia

49.7744, -14.4996, -7.0484

Trichromacy



Original Color

49.7153, -31.4399, 20.8001

Protanomaly

48.9354, -16.7045, 21.3545

Deuteranomaly

48.5579, -11.6980, 19.2225

Tritanomaly

49.5567, -21.7739, 5.3073

Monochromacy



Original Color

49.7153, -31.4399, 20.8001

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

45.1308, -14.3821, 9.6440

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7153, -31.4399, 20.8001 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(71, 153, 81)` looks like.

```
.text, #text, p{  
    color:rgb(71, 153, 81)  
}
```

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(71, 153, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 153, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7153, -31.4399, 20.8001 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(71, 153, 81) }
```


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

```
.border{ border-color:rgb(71, 153, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 153, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 153, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 153, 81);  
box-shadow:4px 4px 4px 4px rgb(71, 153,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7153, -31.4399, 20.8001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 153, 81) }
```

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

```
.background{ background-color: rgb(71, 153,  
81) }
```

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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