

Converting Colors

HunterLab(82.5278, -49.5126,
49.8486)

Have a look what the booklet for
HunterLab(82.5278, -49.5126,
49.8486) contains.

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Color

**HunterLab(82.4237,
-49.4954, 49.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	99EE07
RGB	153, 238, 7
RGB Percent	60%, 93%, 3%
CMY	0.4000, 0.0666, 0.9724
CMYK	0.36, 0.00, 0.97, 0.07
HSL	82°, 94%, 48%
HSV	82°, 97%, 93%
XYZ	43.7497, 67.9367, 11.0083
YIQ	186.2510, 23.4910, -89.8610

Conversions

Conversions Part 2

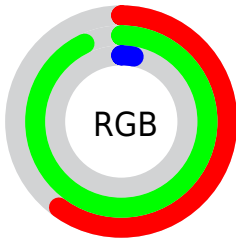
Format	Color
R_{YB}	7, 238, 92
Decimal	10087943
CIE _{Lab}	85.98, -53.49, 82.65
CIE _{LCh}	86, 98.447, 122.914
Yxy	67.9396, 0.3566, 0.5537
Android (android.graphics.Color)	4288278023 (0xFF99EE07)
YUV	186.2510, -88.3707, -29.1611
Hunter-Lab	82.4237, -49.4954, 49.7780

Details

The HunterLab color **82.4237, -49.4954, 49.7780** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **29.3316, 69.9394, -144.2160**, and the grayscale version is **70.5341, -3.7635, 3.8323**.

A 20% lighter version of the original color is **92.9725, -37.6528, 50.1730**, and **59.4332, -41.1250, 35.9025** is the 20% darker color. If you saturate the color by 10%, you get **82.2648, -50.1635, 49.8130**, and if you desaturate by 10%, it is **83.0098, -47.0553, 49.4087**.

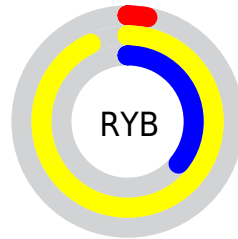
Distribution



Red (60%)

Green (93%)

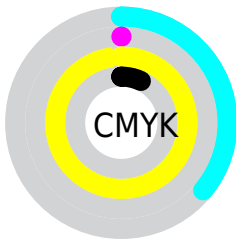
Blue (3%)



Red (3%)

Yellow (93%)

Blue (36%)

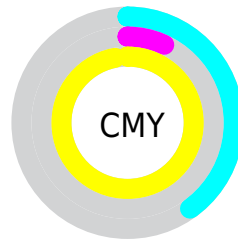


Cyan (36%)

Magenta (0%)

Yellow (97%)

Black (7%)



Cyan (40%)


Magenta (7%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 82.4237, -49.4954, 49.7780 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 82.4237, -49.4954, 49.7780 by changing the saturation by 10% instead.


 82.4237, -49.4954,
49.7780


 82.4237, -49.4954,
49.7780


212.9042,
-76.9929, 90.9767


 70.6036, -46.0111,
44.4183


 107.8266,
-56.1095, 59.9092

 59.4080, -42.3692,
38.8392


 121.3547,
-59.2739, 64.7182


 48.8761, -38.5335,
33.0374


 135.4056,
-62.3628, 69.3804

 39.0527, -34.4502,
27.3369

 149.9604,
-65.3869, 73.9113

 29.9930, -30.0417,
20.9951

 165.0023,
-68.3553, 78.3250

 21.7680, -25.1892,
15.2376

 180.5160,

 14.4729, -20.7000,

-71.2751, 82.6335

10.1310

196.4876,
-74.1526, 86.8477

■ 8.1339, -14.2344,
5.6938

0.0000, NaN, NaN

■ 82.4237, -49.4954,
49.7780

■ 82.4237, -49.4954,
49.7780

■ 82.2648, -50.1635,
49.8130

■ 83.0098, -47.0553,
49.4087

■ 83.6829, -44.1723,
48.2632

■ 84.4542, -40.8028,
46.2082

■ 85.3300, -36.9221,
43.1565

■ 86.3146, -32.5182,
39.0503

■ 87.4112, -27.5895,
33.8545

■ 88.6214, -22.1423,
27.5535

■ 89.9462, -16.1897,
20.1476

■ 91.3856, -9.7503,
11.6510

Harmonies

Analogous

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



82.4255, -9.1242, 53.1405



82.4237, -49.4954, 49.7780



82.4255, -72.4858, 35.6913

Triad

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



82.4255, -49.4973, 49.7784



82.4255, -42.9716, -121.3572



82.4255, 111.9934, 8.9018

Complementary

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



82.4237, -49.4954, 49.7780



29.3316, 69.9394, -144.2160

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.



82.4255, 97.0441, -47.4710



82.4237, -49.4954, 49.7780



82.4255, 0.4281, -144.0050

Square

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



82.4255, -49.4973, 49.7784



82.4255, -69.3809, -60.3574



82.4255, 53.1195, -111.3477



82.4255, 90.2385, 39.7768

Rectangle

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



82.4237, -49.4954, 49.7780



82.4255, -78.4575, 14.7694



82.4255, 53.1195, -111.3477



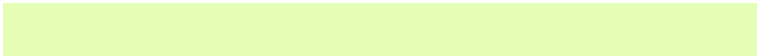
82.4255, 111.1015, -7.3196

Sweetspot

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



82.4255, -49.4973, 49.7784



95.5599, -25.2067, 31.3020



50.7936, 48.5291, 31.9126



43.9492, -12.8375, 15.8505

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.4255, -49.4973, 49.7784



88.9453, -54.3318, 53.8565



78.4705, -65.8793, 47.0472



42.6045, -5.3182, 6.4683



61.5061, -37.2185, 37.2482



17.8979, -10.1019, 10.8518

Inverse Universe

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



29.3316, 69.9394, -144.2160



30.9705, 76.3497, -160.6967



44.2962, 88.9088, -79.4225



39.3852, 1.0825, -2.3899



21.5813, 52.9161, -109.7544



6.6491, 15.6955, -29.1045

Previews

White Background



This preview shows how the HunterLab color 82.4237, -49.4954, 49.7780 looks on a white background.

Color Contrast Check

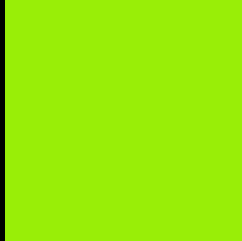
Large Text (above 18pt) WCAG AA × Fail

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 82.4237, -49.4954, 49.7780 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 82.4237, -49.4954, 49.7780 Background



This preview shows how black text looks on a background with the HunterLab color 82.4237, -49.4954, 49.7780.



This preview shows how white text looks on a background with the HunterLab color 82.4237, -49.4954, 49.7780.

-49.4954, 49.7780.

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

82.4237, -49.4954, 49.7780

Protanopia

81.7275, -11.2743, 50.1628

Deuteranopia

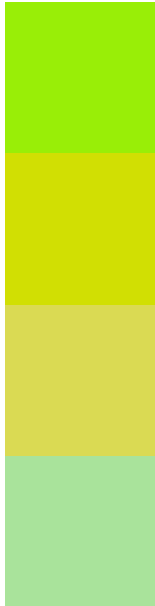
81.7979, 3.2300, 36.1528



Tritanopia

82.1035, -13.6784, -8.6184

Trichromacy



Original Color

82.4237, -49.4954, 49.7780

Protanomaly

81.4477, -27.0396, 49.6516

Deuteranomaly

81.0387, -19.4690, 43.6075

Tritanomaly

81.0800, -32.3692, 26.7181

Monochromacy



Original Color

82.4237, -49.4954, 49.7780

Achromatopsia

70.0729, -3.7389, 3.8072

Achromatomaly

73.5131, -24.8740, 30.2737

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.4237, -49.4954, 49.7780 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(153, 238, 7)` looks like.

```
.text, #text, p{  
    color:rgb(153, 238, 7)  
}
```

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(153, 238, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 238, 7) }
```

Border

The CSS property to change the border of an element to HunterLab 82.4237, -49.4954, 49.7780 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(153, 238, 7) }
```


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

```
.border{ border-color:rgb(153, 238, 7) }
```

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

Here you see how a box with a 4 pixel rgb(153, 238, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 238, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 238, 7);  
box-shadow:4px 4px 4px 4px rgb(153, 238,  
7) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.4237, -49.4954, 49.7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 238, 7) }
```

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

```
.background{ background-color: rgb(153,  
238, 7) }
```

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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