

Converting Colors

HunterLab(33.3643, -10.9111,
9.8909)

Have a look what the booklet for
HunterLab(33.3643, -10.9111,
9.8909) contains.

HunterLab(33.2278, -10.7481, 9.6497)	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(33.2278,
-10.7481, 9.6497)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6347
RGB	79, 99, 71
RGB Percent	31%, 39%, 28%
CMY	0.6902, 0.6118, 0.7216
CMYK	0.20, 0.00, 0.28, 0.61
HSL	103°, 16%, 33%
HSV	103°, 28%, 39%
XYZ	8.8236, 11.0409, 7.6273
YIQ	89.8280, -2.9320, -12.9480

Conversions

Conversions Part 2

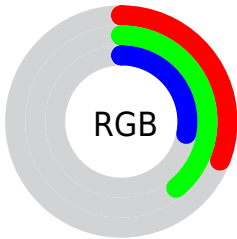
Format	Color
R_{YB}	71, 99, 91
Decimal	5202759
CIE _{Lab}	39.65, -13.47, 13.50
CIE _{LCh}	40, 19.072, 134.933
Yxy	11.0413, 0.3210, 0.4016
Android (android.graphics.Color)	4283392839 (0xFF4F6347)
YUV	89.8280, -9.2822, -9.4962
Hunter-Lab	33.2278, -10.7481, 9.6497

Details

The HunterLab color $[33.2278, -10.7481, 9.6497]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[27.6257, 8.6457, -8.1615]$, and the grayscale version is $[31.9463, -1.7046, 1.7357]$.

A 20% lighter version of the original color is $[52.7597, -13.3311, 12.3082]$, and $[16.9564, -7.7196, 6.6876]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.6146, -13.4323, 11.8101]$, and if you desaturate by 10%, it is $[33.9096, -7.8178, 7.1808]$.

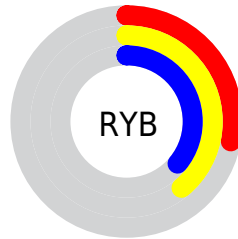
Distribution



Red (31%)

Green (39%)

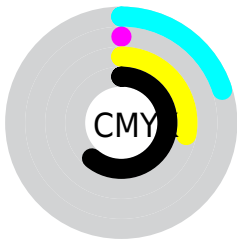
Blue (28%)



Red (28%)

Yellow (39%)

Blue (36%)

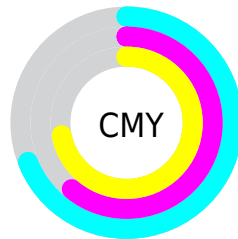


Cyan (20%)

Magenta (0%)

Yellow (28%)

Black (61%)



Cyan (69%)

Magenta (61%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2278, -10.7481, 9.6497 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 33.2278, -10.7481, 9.6497 by changing the saturation by 10% instead.

■ 33.2278, -10.7481,
9.6497

■ 33.2278, -10.7481,
9.6497

140.6950,
-22.5522, 21.5354

■ 24.6873, -9.3450,
8.2192

■ 52.6655, -13.4351,
12.3700

■ 17.0374, -7.8647,
6.7000

■ 63.4460, -14.7465,
13.6924

■ 10.3979, -6.4099,
6.0283

■ 74.8756, -16.0481,
15.0027

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.9195, -17.3452,
16.3069

0.0000, NaN, NaN

■ 99.5478, -18.6416,
17.6095

0.0000, NaN, NaN

112.7345,

0.0000, NaN, NaN

-19.9403, 18.9136

0.0000, NaN, NaN

126.4570,
-21.2432, 20.2216

■ 33.2278, -10.7481,
9.6497

■ 33.2278, -10.7481,
9.6497

■ 32.6146, -13.4323,
11.8101

■ 33.9096, -7.8178,
7.1808

■ 32.0684, -15.8508,
13.6494

■ 34.6565, -4.6590,
4.4177

■ 31.5902, -17.9897,
15.1617

■ 35.4676, -1.2932,
1.3788

■ 31.1794, -19.8393,
16.3473

■ 36.3411, 2.2582,
-1.9160

■ 30.8345, -21.3950,
17.2141

■ 37.2747, 5.9744,
-5.4461

■ 30.5534, -22.6590,
17.7798

■ 38.2660, 9.8354,
-9.1906

■ 30.3255, -23.6847,
18.1764

■ 39.3127, 13.8226,
-13.1294

■ 30.2903, -23.8452,
18.2473

■ 40.4122, 17.9188,
-17.2431

■ 41.5621, 22.1084,
-21.5136

Harmonies

Analogous

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



33.2285, -5.1694, 11.9468



33.2278, -10.7481, 9.6497



33.2285, -13.7882, 4.9652

Triad

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



33.2285, -10.7488, 9.6501



33.2285, -5.1987, -13.0661



33.2285, 12.2421, 4.9390

Complementary

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



33.2278, -10.7481, 9.6497



27.6257, 8.6457, -8.1615

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.



33.2285, 12.2326, -1.6914



33.2278, -10.7481, 9.6497



33.2285, 1.7618, -13.0771

Square

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



33.2285, -10.7488, 9.6501



33.2285, -10.7688, -8.5536



33.2285, 8.2660, -8.5813



33.2285, 8.2909, 9.6343

Rectangle

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



33.2278, -10.7481, 9.6497



33.2285, -14.1389, 0.6899



33.2285, 8.2660, -8.5813



33.2285, 12.7120, 2.8899

Sweetspot

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



33.2285, -10.7488, 9.6501



45.3961, -6.0784, 5.7650



32.4376, -1.7904, 9.0602



22.0763, -3.1982, 3.0191



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



33.2285, -10.7488, 9.6501



42.9727, -16.4655, 14.5764



32.8542, -11.9318, 7.4978



16.9925, -2.3785, 2.2499



34.5550, -27.3407, 20.8140



79.6178, -64.2496, 47.9353

Inverse Universe

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



27.6257, 8.6457, -8.1615



34.0030, 14.6754, -14.0998



28.2079, 10.0739, -4.4059



16.1094, 0.6646, -0.5337



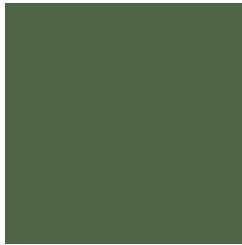
16.9888, 36.0059, -42.6035



38.6735, 82.4507, -100.7532

Previews

White Background



This preview shows how the HunterLab color 33.2278, -10.7481, 9.6497 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 33.2278, -10.7481, 9.6497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

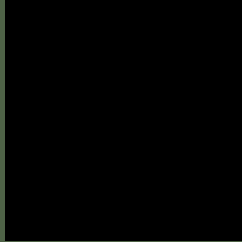
Any Text WCAG AA × Fail

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 33.2278, -10.7481, 9.6497 Background



This preview shows how black text looks on a background with the HunterLab color 33.2278, -10.7481, 9.6497.



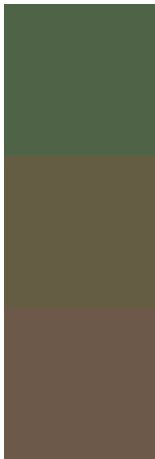
This preview shows how white text looks on a background with the HunterLab color 33.2278,

-10.7481, 9.6497.

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

33.2278, -10.7481, 9.6497

Protanopia

33.0989, -2.8437, 10.5493

Deuteranopia

32.9803, 2.2619, 9.0302



Tritanopia

33.2093, -3.5779, -2.0417

Trichromacy



Original Color

33.2278, -10.7481, 9.6497

Protanomaly

32.9991, -5.9278, 10.1142

Deuteranomaly

33.0049, -3.0211, 9.2711

Tritanomaly

33.0377, -6.2135, 2.4867

Monochromacy



Original Color

33.2278, -10.7481, 9.6497

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.2981, -5.0496, 4.7908

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2278, -10.7481, 9.6497 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(79, 99, 71)` looks like.

```
.text, #text, p{  
    color:rgb(79, 99, 71)  
}
```

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(79, 99, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 99, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2278, -10.7481, 9.6497 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(79, 99, 71) }
```


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

```
.border{ border-color:rgb(79, 99, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 99, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 99, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 99, 71);  
box-shadow:4px 4px 4px 4px rgb(79, 99, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.2278, -10.7481, 9.6497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 99, 71) }
```

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

```
.background{ background-color: rgb(79, 99,  
71) }
```

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