

Converting Colors

HunterLab(21.0130, -2.5269,
3.0223)

Have a look what the booklet for
HunterLab(21.0130, -2.5269, 3.0223)
contains.

HunterLab(20.9705, -2.4237, 3.0121)	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(20.9705, -2.4237,
3.0121)**

Conversions

Conversions Part 1

Format	Color
Hex	3A3C36
RGB	58, 60, 54
RGB Percent	23%, 24%, 21%
CMY	0.7725, 0.7647, 0.7882
CMYK	0.03, 0.00, 0.10, 0.76
HSL	80°, 5%, 22%
HSV	80°, 10%, 24%
XYZ	4.0267, 4.3976, 4.1266
YIQ	58.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

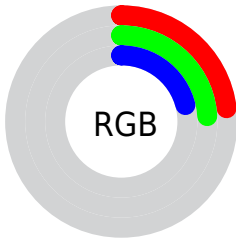
Format	Color
R_{YB}	54, 60, 56
Decimal	3816502
CIE Lab	24.95, -2.18, 3.41
CIE LCh	25, 4.053, 122.596
Yxy	4.3978, 0.3208, 0.3504
Android (android.graphics.Color)	4282006582 (0xFF3A3C36)
YUV	58.7180, -2.3260, -0.6297
Hunter-Lab	20.9705, -2.4237, 3.0121

Details

The HunterLab color **20.9705, -2.4237, 3.0121** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.5076, 0.3203, -0.9677**, and the grayscale version is **20.8240, -1.1111, 1.1314**.

A 20% lighter version of the original color is **38.0240, -3.4850, 4.1715**, and **7.4571, -1.8452, 2.2796** is the 20% darker color. If you saturate the color by 10%, you get **20.7028, -3.6358, 4.6849**, and if you desaturate by 10%, it is **21.2576, -1.1345, 1.1553**.

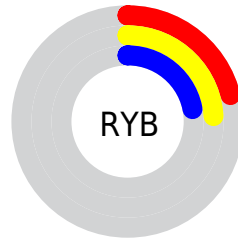
Distribution




 Red (23%)

 Green (24%)

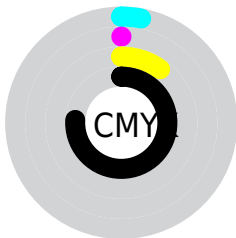
 Blue (21%)



 Red (21%)

 Yellow (24%)

 Blue (22%)

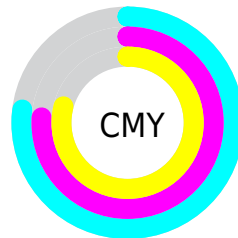


 Cyan (3%)


 Magenta (0%)

 Yellow (10%)

 Black (76%)



 Cyan (77%)

 Magenta (76%)

 Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9705, -2.4237, 3.0121 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 20.9705, -2.4237, 3.0121 by changing the saturation by 10% instead.

■ 20.9705, -2.4237,
3.0121

■ 20.9705, -2.4237,
3.0121

■ 119.9355, -8.7580,
9.9885

■ 13.7786, -1.8651,
2.3508

■ 38.0823, -3.6316,
4.3925

■ 7.3991, -1.6810,
2.3156

■ 47.8297, -4.2803,
5.1177

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.2908, -4.9583,
5.8679

0.0000, NaN, NaN

■ 69.4197, -5.6647,
6.6430

0.0000, NaN, NaN

■ 81.1786, -6.3987,
7.4430

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.5354, -7.1594,

106.4624, -7.9461,
9.1162

■ 20.9705, -2.4237,
3.0121

■ 20.9705, -2.4237,
3.0121

■ 20.7028, -3.6358,
4.6849

■ 21.2576, -1.1345,
1.1553

■ 20.4531, -4.7665,
6.1698

■ 21.5627, 0.2301,
-0.8820

■ 20.2220, -5.8141,
7.4653

■ 21.8859, 1.6661,
-3.0943

■ 20.0092, -6.7768,
8.5713

■ 22.2270, 3.1697,
-5.4754

■ 19.8144, -7.6538,
9.4899

■ 22.5858, 4.7371,
-8.0187

■ 19.6374, -8.4452,
10.2249

■ 22.9618, 6.3642,
-10.7170

■ 19.4776, -9.1521,
10.7831

■ 23.3548, 8.0471,
-13.5628

■ 19.3317, -9.7922,
11.2123

■ 23.7644, 9.7821,
-16.5486

■ 19.1908, -10.4170,
11.6429

■ 24.1900, 11.5651,
-19.6667

Harmonies

Analogous

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



20.9710, -1.2310, 3.3397



20.9705, -2.4237, 3.0121



20.9710, -3.2520, 2.1866

Triad

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



20.9710, -2.4242, 3.0124



20.9710, -2.2363, -1.0357



20.9710, 1.3851, 1.2468

Complementary

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



20.9705, -2.4237, 3.0121



19.5076, 0.3203, -0.9677

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.



20.9710, 1.1006, 0.0397



20.9705, -2.4237, 3.0121



20.9710, -1.0090, -1.3239

Square

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



20.9710, -2.4242, 3.0124



20.9710, -3.1454, -0.1538



20.9710, 0.2167, -0.9194



20.9710, 0.9851, 2.3591

Rectangle

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



20.9705, -2.4237, 3.0121



20.9710, -3.4958, 1.4398



20.9710, 0.2167, -0.9194



20.9710, 1.3663, 0.8388

Sweetspot

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



20.9710, -2.4242, 3.0124



27.8588, -2.0374, 2.3145



20.1383, -0.2864, 2.1288



14.7511, -1.1276, 1.2960



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



20.9710, -2.4242, 3.0124



27.5095, -3.6110, 4.5547



20.7617, -3.1688, 2.7710



11.4481, -1.2151, 1.4916



30.2006, -16.9364, 18.3130



76.4501, -44.4334, 46.3303

Inverse Universe

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



19.5076, 0.3203, -0.9677



25.0939, 0.9216, -2.0210



19.7345, 1.0894, -0.6650



10.7728, 0.0511, -0.3443



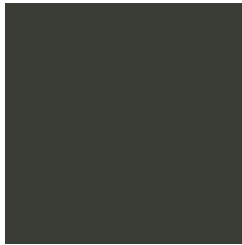
10.5500, 25.7869, -53.0243



25.9252, 64.7089, -140.6970

Previews

White Background



This preview shows how the HunterLab color 20.9705, -2.4237, 3.0121 looks on a white background.

Color Contrast Check

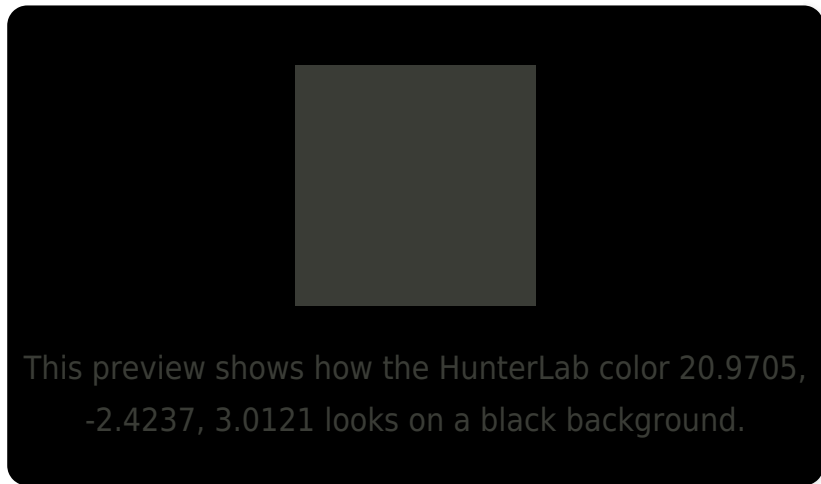
Large Text (above 18pt) WCAG AA ✓ Pass

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

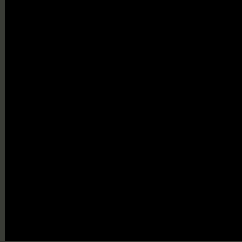
Any Text WCAG AA × Fail

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 20.9705, -2.4237, 3.0121 Background



This preview shows how black text looks on a background with the HunterLab color 20.9705, -2.4237, 3.0121.

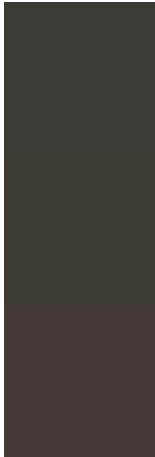


This preview shows how white text looks on a background with the HunterLab color 20.9705, -2.4237, 3.0121.

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

20.9705, -2.4237, 3.0121

Protanopia

20.9979, -1.1007, 3.4091

Deuteranopia

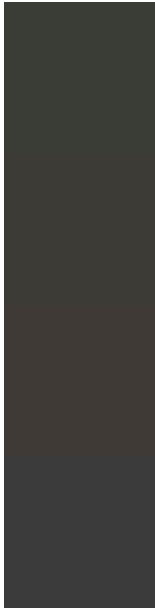
20.9652, 1.3474, 2.7205



Tritanopia

21.0157, -0.5539, -0.3270

Trichromacy



Original Color

20.9705, -2.4237, 3.0121

Protanomaly

20.9214, -1.3669, 3.3226

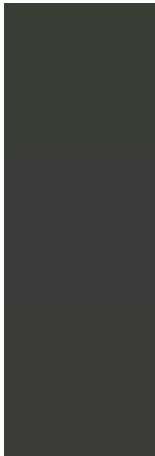
Deuteranomaly

20.9569, 0.0952, 2.6895

Tritanomaly

20.9380, -0.9788, 0.7793

Monochromacy



Original Color

20.9705, -2.4237, 3.0121

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.8642, -1.3832, 1.8322

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9705, -2.4237, 3.0121 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(58, 60, 54)` looks like.

```
.text, #text, p{  
    color:rgb(58, 60, 54)  
}
```

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(58, 60, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 60, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9705, -2.4237, 3.0121 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(58, 60, 54) }
```


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

```
.border{ border-color:rgb(58, 60, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 60, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 60, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 60, 54);  
box-shadow:4px 4px 4px 4px rgb(58, 60, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.9705, -2.4237, 3.0121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 60, 54) }
```

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

```
.background{ background-color: rgb(58, 60,  
54) }
```

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