

Converting Colors

HunterLab(38.0178, -3.3797,
3.3851)

Have a look what the booklet for
HunterLab(38.0178, -3.3797, 3.3851)
contains.

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Color

**HunterLab(37.9970, -3.4755,
3.3299)**

Conversions

Conversions Part 1

Format	Color
Hex	686B67
RGB	104, 107, 103
RGB Percent	41%, 42%, 40%
CMY	0.5922, 0.5804, 0.5961
CMYK	0.03, 0.00, 0.04, 0.58
HSL	105°, 2%, 41%
HSV	105°, 4%, 42%
XYZ	13.4148, 14.4377, 14.9117
YIQ	105.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

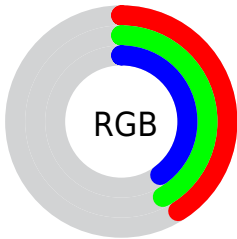
Format	Color
R_{YB}	103, 107, 106
Decimal	6843239
CIE Lab	44.86, -1.98, 1.83
CIE LCh	45, 2.695, 137.194
Yxy	14.4383, 0.3137, 0.3376
Android (android.graphics.Color)	4285033319 (0xFF686B67)
YUV	105.6470, -1.3050, -1.4444
Hunter-Lab	37.9970, -3.4755, 3.3299

Details

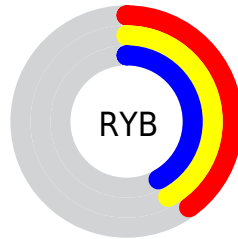
The HunterLab color $[37.9970, -3.4755, 3.3299]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[37.1841, -0.5136, 0.7232]$, and the grayscale version is $[37.8360, -2.0188, 2.0557]$.

A 20% lighter version of the original color is $[58.0994, -4.6587, 4.5207]$, and $[20.9454, -2.4209, 2.2734]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.1205, -7.1412, 6.4659]$, and if you desaturate by 10%, it is $[38.9495, 0.4156, -0.0900]$.

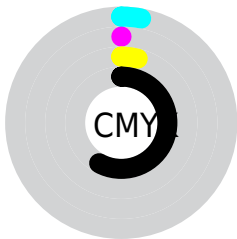
Distribution



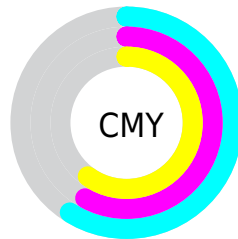
- Red (41%)
- Green (42%)
- Blue (40%)



- Red (40%)
- Yellow (42%)
- Blue (42%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (58%)



- Cyan (59%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9970, -3.4755, 3.3299 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 37.9970, -3.4755, 3.3299 by changing the saturation by 10% instead.

■ 37.9970, -3.4755,
3.3299

■ 37.9970, -3.4755,
3.3299

148.3041,
-10.2094, 10.0807

■ 29.0279, -2.8711,
2.7299

■ 58.1935, -4.7791,
4.6288

■ 20.9018, -2.2975,
2.1630

■ 69.3166, -5.4746,
5.3242

■ 13.7184, -1.7554,
1.6302

■ 81.0700, -6.1983,
6.0490

■ 7.3314, -1.5668,
1.4345

■ 93.4215, -6.9492,
6.8022

0.0000, NaN, NaN

0.0000, NaN, NaN

106.3434, -7.7266,
7.5828

0.0000, NaN, NaN

119.8117, -8.5295,

0.0000, NaN, NaN

133.8049, -9.3574,
9.2228

■ 37.9970, -3.4755,
3.3299

■ 37.9970, -3.4755,
3.3299

■ 37.1205, -7.1412,
6.4659

■ 38.9495, 0.4156,
-0.0900

■ 36.3197, -10.5530,
9.2939

■ 39.9729, 4.5090,
-3.7717

■ 35.5972, -13.6868,
11.7943

■ 41.0652, 8.7789,
-7.6906

■ 34.9542, -16.5196,
13.9511

■ 42.2236, 13.2020,
-11.8233

■ 34.3911, -19.0321,
15.7532

■ 43.4450, 17.7567,
-16.1471

■ 33.9076, -21.2097,
17.1965

■ 44.7262, 22.4235,
-20.6412

■ 33.5024, -23.0440,
18.2854

■ 46.0644, 27.1852,
-25.2860

■ 33.1731, -24.5348,
19.0343

■ 47.4565, 32.0265,
-30.0641

■ 32.9149, -25.6974,
19.4856

■ 48.8996, 36.9343,
-34.9597

Harmonies

Analogous

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



37.9978, -2.6151, 3.8301



37.9970, -3.4755, 3.3299



37.9978, -3.9478, 2.4849

Triad

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



37.9978, -3.4764, 3.3305



37.9978, -2.4689, 0.1785



37.9978, -0.1125, 2.6229

Complementary

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



37.9970, -3.4755, 3.3299



37.1841, -0.5136, 0.7232

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.



37.9978, -0.0724, 1.6470



37.9970, -3.4755, 3.3299



37.9978, -1.4403, 0.2179

Square

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



37.9978, -3.4764, 3.3305



37.9978, -3.3703, 0.6552



37.9978, -0.5606, 0.7613



37.9978, -0.6698, 3.4292

Rectangle

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



37.9970, -3.4755, 3.3299



37.9978, -3.9809, 1.8308



37.9978, -0.5606, 0.7613



37.9978, -0.0379, 2.3043

Sweetspot

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



37.9978, -3.4764, 3.3305



51.1810, -3.2681, 3.2518



37.9655, -2.1860, 3.3161



25.1851, -1.5869, 1.5815



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



37.9978, -3.4764, 3.3305



50.7998, -4.8404, 4.6201



37.9461, -3.6051, 2.8552



18.8480, -1.8666, 1.7755



36.1363, -29.0969, 21.7577



81.3519, -66.6082, 48.9626

Inverse Universe

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



37.1841, -0.5136, 0.7232



49.6028, -0.4819, 0.7845



37.2388, -0.3820, 1.2286



18.3639, -0.1036, 0.2240



18.3457, 38.4568, -42.7117



40.8966, 86.1265, -98.2986

Previews

White Background



This preview shows how the HunterLab color 37.9970, -3.4755, 3.3299 looks on a white background.

Color Contrast Check

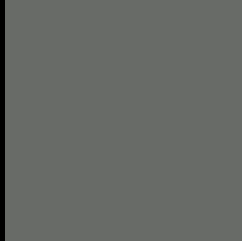
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.9970, -3.4755, 3.3299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

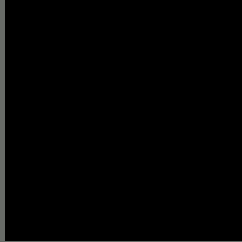
Any Text WCAG AA × Fail

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 37.9970, -3.4755, 3.3299 Background



This preview shows how black text looks on a background with the HunterLab color 37.9970, -3.4755, 3.3299.



This preview shows how white text looks on a background with the HunterLab color 37.9970, -3.4755,

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

37.9970, -3.4755, 3.3299

Protanopia

38.1033, -1.7564, 3.8884

Deuteranopia

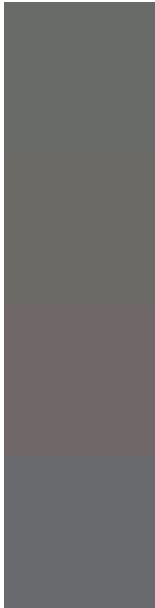
38.0551, 2.2849, 3.0846



Tritanopia

37.9239, -0.3178, -1.5256

Trichromacy



Original Color

37.9970, -3.4755, 3.3299

Protanomaly

37.9383, -2.3301, 3.6917

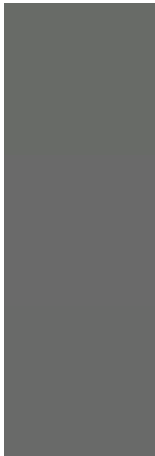
Deuteranomaly

37.8746, 0.3182, 2.8418

Tritanomaly

37.9962, -1.6904, 0.3644

Monochromacy



Original Color

37.9970, -3.4755, 3.3299

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

37.8566, -2.4552, 2.3528

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9970, -3.4755, 3.3299 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(104, 107, 103)` looks like.

```
.text, #text, p{  
    color:rgb(104, 107, 103)  
}
```

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(104, 107, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 107, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9970, -3.4755, 3.3299 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(104, 107, 103) }
```


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

```
.border{ border-color:rgb(104, 107, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 107, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 107, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 107, 103);  
box-shadow:4px 4px 4px 4px rgb(104, 107,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9970, -3.4755, 3.3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 107, 103) }
```

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

```
.background{ background-color: rgb(104,  
107, 103) }
```

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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