

Converting Colors

HunterLab(39.9716, -3.5870,
3.1766)

Have a look what the booklet for
HunterLab(39.9716, -3.5870, 3.1766)
contains.

HunterLab(39.9295, -3.4417, 3.0611)	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(39.9295, -3.4417,
3.0611)**

Conversions

Conversions Part 1

Format	Color
Hex	6D706D
RGB	109, 112, 109
RGB Percent	43%, 44%, 43%
CMY	0.5725, 0.5608, 0.5725
CMYK	0.03, 0.00, 0.03, 0.56
HSL	120°, 1%, 43%
HSV	120°, 3%, 44%
XYZ	14.8611, 15.9436, 16.7621
YIQ	110.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

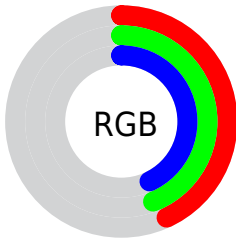
Format	Color
RYB	109, 112, 112
Decimal	7172205
CIELab	46.90, -1.76, 1.26
CIELCh	47, 2.164, 144.379
Yxy	15.9443, 0.3124, 0.3352
Android (android.graphics.Color)	4285362285 (0xFF6D706D)
YUV	110.7610, -0.8682, -1.5444
Hunter-Lab	39.9295, -3.4417, 3.0611

Details

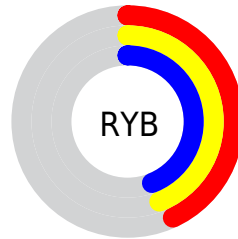
The HunterLab color $[39.9295, -3.4417, 3.0611]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[39.4364, -0.7758, 1.2393]$, and the grayscale version is $[39.7826, -2.1227, 2.1615]$.

A 20% lighter version of the original color is $[60.4670, -5.1006, 4.5598]$, and $[22.4471, -1.9914, 1.7593]$ is the 20% darker color. If you saturate the color by 10%, you get $[38.7977, -8.0619, 6.1825]$, and if you desaturate by 10%, it is $[41.1793, 1.4982, -0.2756]$.

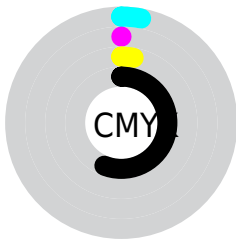
Distribution



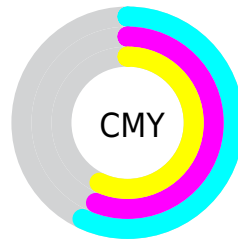
- Red (43%)
- Green (44%)
- Blue (43%)



- Red (43%)
- Yellow (44%)
- Blue (44%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (56%)



- Cyan (57%)
- Magenta (56%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.9295, -3.4417, 3.0611 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 39.9295, -3.4417, 3.0611 by changing the saturation by 10% instead.

■ 39.9295, -3.4417,
3.0611

■ 39.9295, -3.4417,
3.0611

151.3318,
-10.1329, 9.6317

■ 30.7974, -2.8447,
2.4891

■ 60.4165, -4.7331,
4.3112

■ 22.4916, -2.2798,
1.9538

■ 71.6715, -5.4233,
4.9848

■ 15.1055, -1.7486,
1.4578

■ 83.5497, -6.1421,
5.6890

■ 8.7408, -1.3437,
1.0734

■ 96.0200, -6.8885,
6.4227

0.0000, NaN, NaN

0.0000, NaN, NaN

109.0556, -7.6616,
7.1848

0.0000, NaN, NaN

122.6330, -8.4605,

0.0000, NaN, NaN

136.7312, -9.2845,
8.7902

■ 39.9295, -3.4417,
3.0611

■ 39.9295, -3.4417,
3.0611

■ 38.7977, -8.0619,
6.1825

■ 41.1793, 1.4982,
-0.2756

■ 37.7857, -12.3103,
9.0533

■ 42.5393, 6.7125,
-3.7969

■ 36.8978, -16.1398,
11.6415

■ 44.0047, 12.1552,
-7.4717

■ 36.1360, -19.5072,
13.9177

■ 45.5697, 17.7857,
-11.2723

■ 35.5005, -22.3775,
15.8582

■ 47.2283, 23.5682,
-15.1747

■ 34.9896, -24.7279,
17.4474

■ 48.9747, 29.4722,
-19.1580

■ 34.5990, -26.5516,
18.6805

■ 50.8032, 35.4719,
-23.2049

■ 34.3217, -27.8605,
19.5656

■ 52.7085, 41.5459,
-27.3010

■ 34.1465, -28.6945,
20.1297

■ 54.6854, 47.6769,
-31.4346

Harmonies

Analogous

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



39.9304, -2.8000, 3.5534



39.9295, -3.4417, 3.0611



39.9304, -3.7340, 2.3243

Triad

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



39.9304, -3.4426, 3.0617



39.9304, -2.2915, 0.6074



39.9304, -0.6447, 2.8051

Complementary

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



39.9295, -3.4417, 3.0611



39.4364, -0.7758, 1.2393

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.



39.9304, -0.5058, 2.0221



39.9295, -3.4417, 3.0611



39.9304, -1.4610, 0.7425

Square

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



39.9304, -3.4426, 3.0617



39.9304, -3.0730, 0.8989



39.9304, -0.8057, 1.2644



39.9304, -1.1837, 3.4075

Rectangle

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



39.9295, -3.4417, 3.0611



39.9304, -3.6917, 1.7885



39.9304, -0.8057, 1.2644



39.9304, -0.5494, 2.5548

Sweetspot

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



39.9304, -3.4426, 3.0617



53.1868, -3.5073, 3.3450



40.1721, -2.5963, 3.3548



26.0757, -1.6938, 1.6224



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



39.9304, -3.4426, 3.0617



52.8607, -4.8153, 4.2285



39.9712, -3.2178, 2.4790



19.7062, -1.9211, 1.6620



36.6018, -31.3860, 22.0043



81.6920, -70.0508, 49.1118

Inverse Universe

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



39.4364, -0.7758, 1.2393



52.1089, -0.7569, 1.4551



39.3943, -1.0049, 1.8387



19.3781, -0.1497, 0.4515



23.0970, 45.4094, -30.4622



51.5506, 101.3497, -67.9889

Previews

White Background



This preview shows how the HunterLab color 39.9295, -3.4417, 3.0611 looks on a white background.

Color Contrast Check

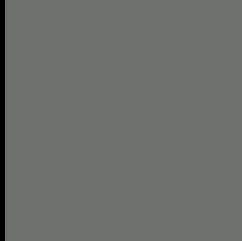
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.9295, -3.4417, 3.0611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

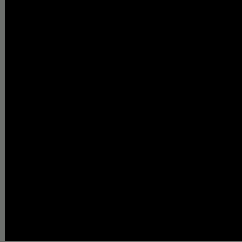
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

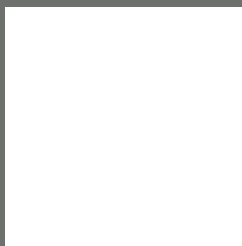
Any Text WCAG AAA × Fail

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

HunterLab 39.9295, -3.4417, 3.0611 Background



This preview shows how black text looks on a background with the HunterLab color 39.9295, -3.4417, 3.0611.



This preview shows how white text looks on a background with the HunterLab color 39.9295, -3.4417,

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

39.9295, -3.4417, 3.0611

Protanopia

40.0362, -1.7123, 3.6300

Deuteranopia

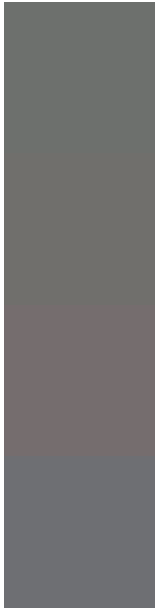
39.9856, 2.3574, 2.8064



Tritanopia

39.8287, -0.4078, -1.4455

Trichromacy



Original Color

39.9295, -3.4417, 3.0611

Protanomaly

39.8702, -2.2893, 3.4301

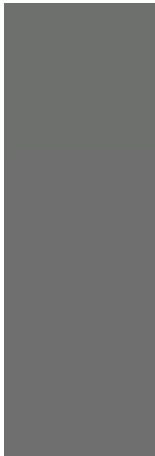
Deuteranomaly

39.8057, 0.3809, 2.5621

Tritanomaly

39.9020, -1.7900, 0.4554

Monochromacy



Original Color

39.9295, -3.4417, 3.0611

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

39.7614, -2.5605, 2.4588

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.9295, -3.4417, 3.0611 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(109, 112, 109)` looks like.

```
.text, #text, p{  
    color:rgb(109, 112, 109)  
}
```

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(109, 112, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 112, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 39.9295, -3.4417, 3.0611 is called "border". The border property can be set on classes, ids or directly on the HTML element.

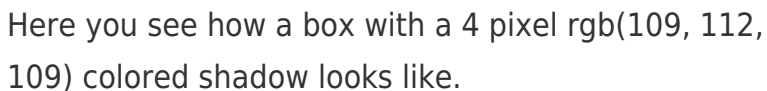
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 112, 109) }
```


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

```
.border{ border-color:rgb(109, 112, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 112, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 112, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 112, 109); box-shadow:4px 4px 4px 4px rgb(109, 112, 109) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.9295, -3.4417, 3.0611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 112, 109) }
```

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

```
.background{ background-color: rgb(109,  
112, 109) }
```

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