

Converting Colors

HunterLab(37.9763, -11.0232,
4.8901)

Have a look what the booklet for
HunterLab(37.9763, -11.0232,
4.8901) contains.

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Color

**HunterLab(37.9743,
-11.0233, 4.7762)**

Conversions

Conversions Part 1

Format	Color
Hex	557063
RGB	85, 112, 99
RGB Percent	33%, 44%, 39%
CMY	0.6667, 0.5608, 0.6118
CMYK	0.24, 0.00, 0.12, 0.56
HSL	151°, 14%, 39%
HSV	151°, 24%, 44%
XYZ	11.7926, 14.4205, 13.9663
YIQ	102.4450, -11.9190, -9.7670

Conversions

Conversions Part 2

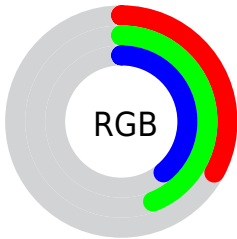
Format	Color
R_{YB}	85, 103, 112
Decimal	5599331
CIE _{Lab}	44.83, -12.82, 4.02
CIE _{LCh}	45, 13.434, 162.607
Yxy	14.4211, 0.2935, 0.3589
Android (android.graphics.Color)	4283789411 (0xFF557063)
YUV	102.4450, -1.6984, -15.2993
Hunter-Lab	37.9743, -11.0233, 4.7762

Details

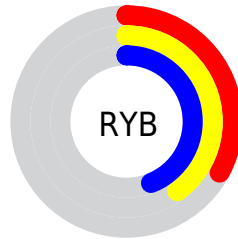
The HunterLab color $[37.9743, -11.0233, 4.7762]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[32.8998, 8.2685, -0.4079]$, and the grayscale version is $[36.6290, -1.9544, 1.9901]$.

A 20% lighter version of the original color is $[58.2270, -13.6936, 6.2585]$, and $[20.8690, -8.1862, 3.1470]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.1994, -14.2065, 5.9418]$, and if you desaturate by 10%, it is $[38.8511, -7.5343, 3.6608]$.

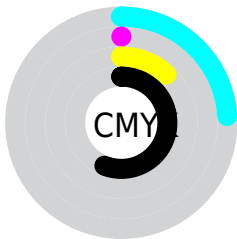
Distribution



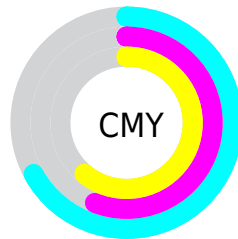
- Red (33%)
- Green (44%)
- Blue (39%)



- Red (33%)
- Yellow (40%)
- Blue (44%)



- Cyan (24%)
- Magenta (0%)
- Yellow (12%)
- Black (56%)



- Cyan (67%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9743, -11.0233, 4.7762 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 37.9743, -11.0233, 4.7762 by changing the saturation by 10% instead.

■ 37.9743, -11.0233,
4.7762

■ 37.9743, -11.0233,
4.7762

148.2683,
-22.5084, 12.4368

■ 29.0071, -9.6923,
4.0370

■ 58.1673, -13.6043,
6.3197

■ 20.8831, -8.3075,
3.3148

■ 69.2888, -14.8745,
7.1252

■ 13.7022, -6.8315,
2.6030

■ 81.0407, -16.1399,
7.9537

■ 7.3130, -8.0293,
2.6743

■ 93.3908, -17.4047,
8.8053

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.3114,
-18.6719, 9.6797

0.0000, NaN, NaN

119.7783,

0.0000, NaN, NaN

-19.9439, 10.5766

0.0000, NaN, NaN

133.7703,
-21.2222, 11.4958

■ 37.9743, -11.0233,
4.7762

■ 37.9743, -11.0233,
4.7762

■ 37.1994, -14.2065,
5.9418

■ 38.8511, -7.5343,
3.6608

■ 36.5249, -17.0550,
7.1451

■ 39.8256, -3.7679,
2.6031

■ 35.9512, -19.5478,
8.3739

■ 40.8958, 0.2436,
1.6102

■ 35.4766, -21.6709,
9.6140

■ 42.0584, 4.4684,
0.6871

■ 35.0976, -23.4196,
10.8498

■ 43.3097, 8.8758,
-0.1635

■ 34.8088, -24.8009,
12.0654

■ 44.6456, 13.4376,
-0.9403

■ 34.5992, -25.8483,
13.2414

■ 46.0619, 18.1278,
-1.6433

■ 34.4892, -26.4048,
13.8919

■ 47.5545, 22.9237,
-2.2737

■ 49.1191, 27.8053,
-2.8338

Harmonies

Analogous

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



37.9751, -8.5024, 8.3676



37.9743, -11.0233, 4.7762



37.9751, -11.2174, -0.0470

Triad

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



37.9751, -11.0240, 4.7767



37.9751, 0.1574, -8.3233



37.9751, 5.5388, 7.9074

Complementary

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



37.9743, -11.0233, 4.7762



32.8998, 8.2685, -0.4079

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.



37.9751, 8.1272, 4.0662



37.9743, -11.0233, 4.7762



37.9751, 4.9109, -5.5408

Square

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



37.9751, -11.0240, 4.7767



37.9751, -4.9435, -8.0662



37.9751, 7.8915, -0.8582



37.9751, 0.9776, 10.0027

Rectangle

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



37.9743, -11.0233, 4.7762



37.9751, -10.0156, -3.3677



37.9751, 7.8915, -0.8582



37.9751, 6.6791, 6.8011

Sweetspot

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



37.9751, -11.0240, 4.7767



52.3738, -6.5658, 3.8725



38.5283, -9.6203, 10.3467



25.6462, -3.3132, 1.9242



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.



37.9751, -11.0240, 4.7767



49.7346, -17.0477, 7.1967



38.1982, -8.8267, -0.4116



19.4664, -2.7929, 1.5405



37.0759, -28.4288, 15.0278



82.6443, -64.1069, 35.0902

Inverse Universe

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



32.8998, 8.2685, -0.4079



41.5140, 14.2704, -1.1648



32.6635, 6.2649, 4.6362



18.5088, 0.8348, 0.5563



20.7000, 36.9108, 2.0466



46.0133, 81.6990, 7.2535

Previews

White Background



This preview shows how the HunterLab color 37.9743, -11.0233, 4.7762 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 37.9743, -11.0233, 4.7762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

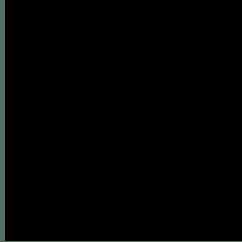
Any Text WCAG AA × Fail

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 37.9743, -11.0233, 4.7762 Background



This preview shows how black text looks on a background with the HunterLab color 37.9743, -11.0233, 4.7762.



This preview shows how white text looks on a background with the HunterLab color 37.9743,

-11.0233, 4.7762.

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

37.9743, -11.0233, 4.7762

Protanopia

37.7417, -1.9747, 6.2140

Deuteranopia

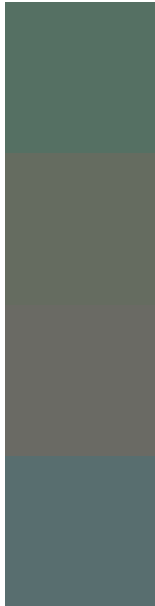
37.8072, 2.6342, 4.0350



Tritanopia

37.9066, -5.7868, -3.5515

Trichromacy



Original Color

37.9743, -11.0233, 4.7762

Protanomaly

37.8634, -5.7257, 5.9023

Deuteranomaly

37.8052, -2.8988, 4.3363

Tritanomaly

37.9134, -7.6400, -0.2900

Monochromacy



Original Color

37.9743, -11.0233, 4.7762

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

37.0600, -5.4825, 3.0432

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9743, -11.0233, 4.7762 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(85, 112, 99)` looks like.

```
.text, #text, p{  
    color:rgb(85, 112, 99)  
}
```

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(85, 112, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 112, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9743, -11.0233, 4.7762 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(85, 112, 99) }
```


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

```
.border{ border-color:rgb(85, 112, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 112, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 112, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 112, 99);  
box-shadow:4px 4px 4px 4px rgb(85, 112,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9743, -11.0233, 4.7762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 112, 99) }
```

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

```
.background{ background-color: rgb(85, 112,  
99) }
```

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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