

Converting Colors

HunterLab(33.9475, -7.7622,
-4.0080)

Have a look what the booklet for
HunterLab(33.9475, -7.7622,
-4.0080) contains.

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Color

HunterLab(33.9104, -7.8113,
-4.0470)

Conversions

Conversions Part 1

Format	Color
Hex	46646C
RGB	70, 100, 108
RGB Percent	27%, 39%, 42%
CMY	0.7255, 0.6078, 0.5765
CMYK	0.35, 0.07, 0.00, 0.58
HSL	193°, 21%, 35%
HSV	193°, 35%, 42%
XYZ	9.7897, 11.4992, 15.8910
YIQ	91.9420, -20.4480, -3.8720

Conversions

Conversions Part 2

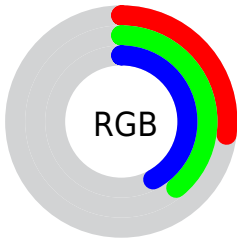
Format	Color
R_{YB}	70, 87, 108
Decimal	4613228
CIE _{Lab}	40.41, -8.77, -8.04
CIE _{LCh}	40, 11.896, 222.538
Yxy	11.4996, 0.2633, 0.3093
Android (android.graphics.Color)	4282803308 (0xFF46646C)
YUV	91.9420, 7.9166, -19.2431
Hunter-Lab	33.9104, -7.8113, -4.0470

Details

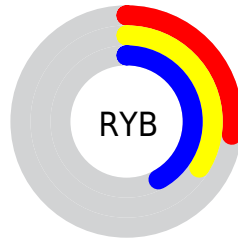
The HunterLab color **33.9104, -7.8113, -4.0470** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **30.1318, 6.5945, 7.2805**, and the grayscale version is **32.6706, -1.7432, 1.7751**.

A 20% lighter version of the original color is **53.5065, -10.0007, -3.5509**, and **17.5080, -5.4691, -4.2582** is the 20% darker color. If you saturate the color by 10%, you get **32.7160, -8.8865, -5.7078**, and if you desaturate by 10%, it is **35.1856, -6.4726, -2.3391**.

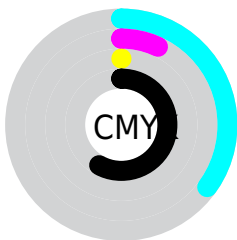
Distribution



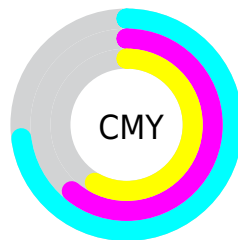
- Red (27%)
- Green (39%)
- Blue (42%)



- Red (27%)
- Yellow (34%)
- Blue (42%)



- Cyan (35%)
- Magenta (7%)
- Yellow (0%)
- Black (58%)



- Cyan (73%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9104, -7.8113, -4.0470 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 33.9104, -7.8113, -4.0470 by changing the saturation by 10% instead.

■ 33.9104, -7.8113,
-4.0470

■ 33.9104, -7.8113,
-4.0470

141.7970,
-17.4589, -1.3127

■ 25.3060, -6.7516,
-4.0602

■ 53.4606, -9.9059,
-3.8044

■ 17.5847, -5.6640,
-3.9888

■ 64.2918, -10.9549,
-3.5914

■ 10.8631, -4.5181,
-3.8196

■ 75.7692, -12.0108,
-3.3246

■ 2.1292, -3.7261,
-15.5412

■ 87.8585, -13.0760,
-3.0084

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.5300,
-14.1524, -2.6463

0.0000, NaN, NaN

113.7582,

0.0000, NaN, NaN

-15.2411, -2.2414

0.0000, NaN, NaN

127.5205,
-16.3431, -1.7961

■ 33.9104, -7.8113,
-4.0470

■ 33.9104, -7.8113,
-4.0470

■ 32.7160, -8.8865,
-5.7078

■ 35.1856, -6.4726,
-2.3391

■ 31.6031, -9.6790,
-7.3128

■ 36.5364, -4.8895,
-0.5952

■ 30.5744, -10.1747,
-8.8510

■ 37.9597, -3.0835,
1.1768

■ 29.6303, -10.3652,
-10.3126

■ 39.4519, -1.0752,
2.9696

■ 28.7699, -10.2507,
-11.6899

■ 41.0092, 1.1155,
4.7772

■ 27.9817, -9.8723,
-12.9925

■ 42.6278, 3.4701,
6.5947

■ 27.6076, -9.6726,
-13.6268

■ 44.3043, 5.9714,
8.4182

■ 46.0351, 8.6043,
10.2446

■ 47.8171, 11.3548,
12.0718

Harmonies

Analogous

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



33.9111, -9.6668, 0.0553



33.9104, -7.8113, -4.0470



33.9111, -4.3081, -6.7456

Triad

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



33.9111, -7.8117, -4.0464



33.9111, 6.6257, -0.6541



33.9111, -3.6250, 8.7882

Complementary

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



33.9104, -7.8113, -4.0470



30.1318, 6.5945, 7.2805

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.



33.9111, 0.7601, 8.6493



33.9104, -7.8113, -4.0470



33.9111, 6.8317, 3.5438

Square

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



33.9111, -7.8117, -4.0464



33.9111, 4.0887, -4.6224



33.9111, 4.6378, 6.8400



33.9111, -7.3335, 7.2473

Rectangle

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



33.9104, -7.8113, -4.0470



33.9111, -1.4365, -7.1996



33.9111, 4.6378, 6.8400



33.9111, -2.1843, 8.9302

Sweetspot

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



33.9111, -7.8117, -4.0464



49.1320, -5.5823, 0.1198



35.4567, -15.4848, 9.6495



24.0819, -2.8594, -0.0538



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.



33.9111, -7.8117, -4.0464



43.6633, -11.5131, -7.1184



28.8610, 0.2401, -11.3578



18.4097, -1.8644, 0.2490



30.0858, -10.4745, -14.9932



66.9625, -22.3382, -35.4756

Inverse Universe

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



29.1356, 14.4136, -6.3302



36.1774, 24.0808, -10.6707



34.7940, -1.7493, 11.5351



17.7582, 1.0045, -0.0543



21.4152, 40.3322, -14.5182



48.2067, 90.5672, -30.9558

Previews

White Background



This preview shows how the HunterLab color 33.9104, -7.8113, -4.0470 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 33.9104, -7.8113, -4.0470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

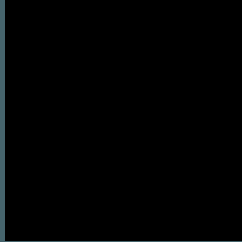
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

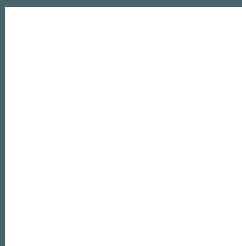
Any Text WCAG AAA × Fail

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

HunterLab 33.9104, -7.8113, -4.0470 Background



This preview shows how black text looks on a background with the HunterLab color 33.9104, -7.8113, -4.0470.



This preview shows how white text looks on a background with the HunterLab color 33.9104, -7.8113, -4.0470.

-4.0470.

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

33.9104, -7.8113, -4.0470

Protanopia

33.7410, -0.2320, -2.2266

Deuteranopia

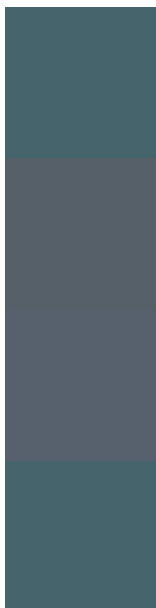
33.9056, 2.0433, -4.8680



Tritanopia

33.9104, -7.8113, -4.0470

Trichromacy



Original Color

33.9104, -7.8113, -4.0470

Protanomaly

33.6407, -3.2689, -2.8824

Deuteranomaly

33.9059, -2.0902, -4.4436

Tritanomaly

33.9104, -7.8113, -4.0470

Monochromacy



Original Color

33.9104, -7.8113, -4.0470

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

33.0924, -4.2255, -0.3856

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9104, -7.8113, -4.0470 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(70, 100, 108)` looks like.

```
.text, #text, p{  
    color:rgb(70, 100, 108)  
}
```

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(70, 100, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 100, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9104, -7.8113, -4.0470 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(70, 100, 108) }
```


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

```
.border{ border-color:rgb(70, 100, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 100, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 100, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 100, 108);  
box-shadow:4px 4px 4px 4px rgb(70, 100,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.9104, -7.8113, -4.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 100, 108) }
```

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

```
.background{ background-color: rgb(70, 100,  
108) }
```

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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