

Converting Colors

HunterLab(40.1176, -14.5618,
15.5709)

Have a look what the booklet for
HunterLab(40.1176, -14.5618,
15.5709) contains.

HunterLab(40.1017, -14.7454, 15.6387)	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(40.1017,
-14.7454, 15.6387)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7747
RGB	95, 119, 71
RGB Percent	37%, 47%, 28%
CMY	0.6275, 0.5333, 0.7216
CMYK	0.20, 0.00, 0.40, 0.53
HSL	90°, 25%, 37%
HSV	90°, 40%, 47%
XYZ	12.4534, 16.0815, 8.4089
YIQ	106.3520, 1.1040, -20.0160

Conversions

Conversions Part 2

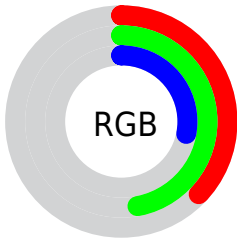
Format	Color
R_{YB}	71, 119, 95
Decimal	6256455
CIE Lab	47.08, -17.95, 23.59
CIE LCh	47, 29.643, 127.267
Yxy	16.0822, 0.3371, 0.4353
Android (android.graphics.Color)	4284446535 (0xFF5F7747)
YUV	106.3520, -17.4285, -9.9557
Hunter-Lab	40.1017, -14.7454, 15.6387

Details

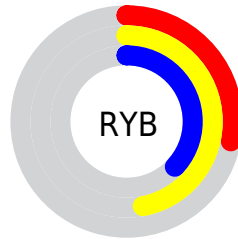
The HunterLab color $40.1017, -14.7454, 15.6387$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $28.7607, 13.6135, -18.0201$, and the grayscale version is $38.1624, -2.0363, 2.0734$.

A 20% lighter version of the original color is $60.4920, -17.9062, 19.5452$, and $22.4927, -11.1986, 11.0878$ is the 20% darker color. If you saturate the color by 10%, you get $39.5442, -17.2299, 17.8409$, and if you desaturate by 10%, it is $40.7200, -12.0113, 12.9945$.

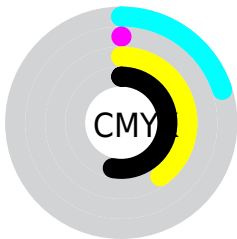
Distribution



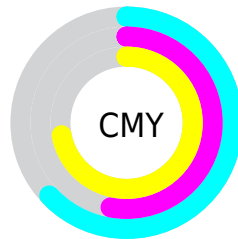
- Red (37%)
- Green (47%)
- Blue (28%)



- Red (28%)
- Yellow (47%)
- Blue (37%)



- Cyan (20%)
- Magenta (0%)
- Yellow (40%)
- Black (53%)



- Cyan (63%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.1017, -14.7454, 15.6387 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 40.1017, -14.7454, 15.6387 by changing the saturation by 10% instead.

40.1017, -14.7454,
15.6387

40.1017, -14.7454,
15.6387

151.6002,
-28.5215, 32.2187

30.9553, -13.0693,
13.4971

60.6142, -17.9389,
19.6231

22.6338, -11.3026,
11.2003

71.8807, -19.4856,
21.5153

15.2301, -9.3945,
9.0658

83.7699, -21.0123,
23.3623

8.8546, -9.3063,
6.1982

96.2507, -22.5253,
25.1749

0.0000, NaN, NaN

0.0000, NaN, NaN

109.2963,
-24.0294, 26.9613

0.0000, NaN, NaN

122.8832,

0.0000, NaN, NaN

-25.5284, 28.7275

0.0000, NaN, NaN

136.9907,
-27.0250, 30.4787

■ 40.1017, -14.7454,
15.6387

■ 40.1017, -14.7454,
15.6387

■ 39.5442, -17.2299,
17.8409

■ 40.7200, -12.0113,
12.9945

■ 39.0444, -19.4547,
19.6023

■ 41.3964, -9.0351,
9.9114

■ 38.6023, -21.4172,
20.9333

■ 42.1313, -5.8301,
6.3995

■ 38.2163, -23.1185,
21.8535

■ 42.9240, -2.4104,
2.4727

■ 37.8839, -24.5655,
22.3942

■ 43.7733, 1.2089,
-1.8516

■ 37.6023, -25.7849,
22.7190

■ 44.6779, 5.0121,
-6.5538

■ 45.6363, 8.9836,
-11.6126

■ 46.6470, 13.1080,
-17.0058

■ 47.7082, 17.3703,
-22.7109

Harmonies

Analogous

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



40.1026, -4.9180, 18.0154



40.1017, -14.7454, 15.6387



40.1026, -20.6710, 9.5316

Triad

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



40.1026, -14.7464, 15.6391



40.1026, -10.3838, -22.6595



40.1026, 22.4046, 4.7692

Complementary

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



40.1017, -14.7454, 15.6387



28.7607, 13.6135, -18.0201

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.



40.1026, 20.5144, -6.8890



40.1017, -14.7454, 15.6387



40.1026, 0.7118, -25.0035

Square

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



40.1026, -14.7464, 15.6391



40.1026, -18.3587, -12.8667



40.1026, 12.2415, -18.5810



40.1026, 17.1477, 13.0017

Rectangle

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



40.1017, -14.7454, 15.6387



40.1026, -22.0362, 3.1792



40.1026, 12.2415, -18.5810



40.1026, 22.5932, 1.1604

Sweetspot

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



40.1026, -14.7464, 15.6391



56.1781, -8.6690, 9.5331



35.4427, 2.6306, 11.9131



27.3003, -4.4299, 4.8735



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



40.1026, -14.7464, 15.6391



52.9954, -22.7019, 23.5740



38.7155, -20.1105, 14.3747



20.4445, -2.6104, 2.8593



38.7502, -26.6074, 23.4119



85.2435, -59.9651, 51.4768

Inverse Universe

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



28.7607, 13.6135, -18.0201



34.8139, 23.1524, -31.3682



31.2422, 20.6941, -13.5091



19.1610, 0.5533, -0.8398



15.5361, 35.7141, -60.5649



33.5453, 78.0036, -137.6721

Previews

White Background



This preview shows how the HunterLab color 40.1017, -14.7454, 15.6387 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 40.1017, -14.7454, 15.6387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

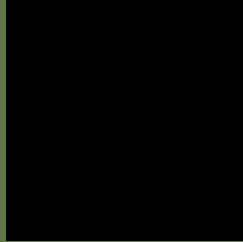
Any Text WCAG AA × Fail

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 40.1017, -14.7454, 15.6387 Background



This preview shows how black text looks on a background with the HunterLab color 40.1017, -14.7454, 15.6387.



This preview shows how white text looks on a background with the HunterLab color 40.1017,

-14.7454, 15.6387.

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

40.1017, -14.7454, 15.6387

Protanopia

39.9046, -3.8367, 16.3963

Deuteranopia

39.8382, 2.9660, 14.9582



Tritanopia

40.0502, -3.6912, -2.6434

Trichromacy



Original Color

40.1017, -14.7454, 15.6387

Protanomaly

39.8861, -8.1607, 16.0656

Deuteranomaly

39.8033, -4.0342, 15.0667

Tritanomaly

39.8665, -8.3157, 5.3361

Monochromacy



Original Color

40.1017, -14.7454, 15.6387

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

38.7091, -7.1496, 7.8653

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.1017, -14.7454, 15.6387 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(95, 119, 71)` looks like.

```
.text, #text, p{  
    color:rgb(95, 119, 71)  
}
```

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(95, 119, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 119, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 40.1017, -14.7454, 15.6387 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(95, 119, 71) }
```


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

```
.border{ border-color:rgb(95, 119, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 119, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 119, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 119, 71);  
box-shadow:4px 4px 4px 4px rgb(95, 119,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.1017, -14.7454, 15.6387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 119, 71) }
```

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

```
.background{ background-color: rgb(95, 119,  
71) }
```

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