

Converting Colors

HunterLab(35.4860, -17.6455,
3.2347)

Have a look what the booklet for
HunterLab(35.4860, -17.6455,
3.2347) contains.

HunterLab(35.4975, -17.5702, 3.0822)	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(35.4975,
-17.5702, 3.0822)**

Conversions

Conversions Part 1

Format	Color
Hex	2F6E60
RGB	47, 110, 96
RGB Percent	18%, 43%, 38%
CMY	0.8157, 0.5686, 0.6235
CMYK	0.57, 0.00, 0.13, 0.57
HSL	167°, 40%, 31%
HSV	167°, 57%, 43%
XYZ	8.8595, 12.6007, 13.0315
YIQ	89.5670, -33.0540, -17.7100

Conversions

Conversions Part 2

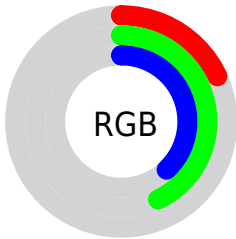
Format	Color
R_{YB}	47, 82, 110
Decimal	3108448
CIE _{Lab}	42.16, -23.97, 1.71
CIE _{LCh}	42, 24.026, 175.927
Yxy	12.6012, 0.2569, 0.3653
Android (android.graphics.Color)	4281298528 (0xFF2F6E60)
YUV	89.5670, 3.1715, -37.3313
Hunter-Lab	35.4975, -17.5702, 3.0822




Details

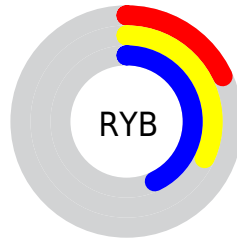
The HunterLab color **35.4975, -17.5702, 3.0822** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23.8439, 20.3313, 4.0692**, and the grayscale version is **31.8138, -1.6975, 1.7285**.




A 20% lighter version of the original color is **55.2889, -21.6794, 4.5271**, and **19.1717, -12.1515, 2.2686** is the 20% darker color. If you saturate the color by 10%, you get **35.1107, -19.2253, 3.5920**, and if you desaturate by 10%, it is **35.9752, -15.5873, 2.6686**.

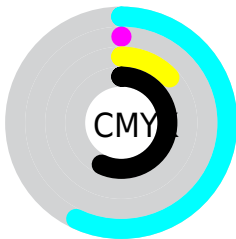
Distribution







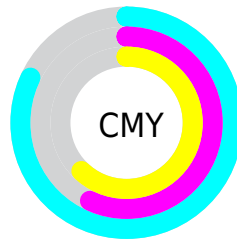
-  Red (18%)
-  Green (43%)
-  Blue (38%)






-  Red (18%)
-  Yellow (32%)
-  Blue (43%)



-  Cyan (57%)
-  Magenta (0%)
-  Yellow (13%)
-  Black (57%)



-  Cyan (82%)
-  Magenta (57%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.4975, -17.5702, 3.0822 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 35.4975, -17.5702, 3.0822 by changing the saturation by 10% instead.

35.4975, -17.5702,
3.0822

35.4975, -17.5702,
3.0822

144.3419,
-34.2577, 9.7122

26.7479, -15.4019,
2.4990

55.3041, -21.5875,
4.3498

18.8651, -13.0592,
1.9503

66.2509, -23.4923,
5.0308

11.9584, -10.5669,
1.4369

77.8376, -25.3509,
5.7419

4.8857, -8.5499,
1.7139

90.0305, -27.1745,
6.4818

0.0000, NaN, NaN

0.0000, NaN, NaN

102.8010,
-28.9713, 7.2497

0.0000, NaN, NaN

116.1240,

0.0000, NaN, NaN

-30.7476, 8.0446

0.0000, NaN, NaN

129.9775,
-32.5085, 8.8657

■ 35.4975, -17.5702,
3.0822

■ 35.4975, -17.5702,
3.0822

■ 35.1107, -19.2253,
3.5920

■ 35.9752, -15.5873,
2.6686

■ 34.8084, -20.5555,
4.1872

■ 36.5445, -13.2808,
2.3569

■ 34.5852, -21.5754,
4.8567

■ 37.2074, -10.6635,
2.1519

■ 34.4196, -22.3643,
5.5712

■ 37.9640, -7.7538,
2.0558

■ 34.3759, -22.5740,
5.7638

■ 38.8133, -4.5742,
2.0686

■ 39.7538, -1.1498,
2.1887

■ 40.7829, 2.4929,
2.4127

■ 41.8977, 6.3275,
2.7362

■ 43.0949, 10.3284,
3.1538

Harmonies

Analogous

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



35.4982, -15.1314, 9.9779



35.4975, -17.5702, 3.0822



35.4982, -16.1662, -6.0510

Triad

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



35.4982, -17.5705, 3.0826



35.4982, 5.9970, -16.3049



35.4982, 8.3362, 13.0483

Complementary

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



35.4975, -17.5702, 3.0822



23.8439, 20.3313, 4.0692

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.



35.4982, 15.0592, 8.4065



35.4975, -17.5702, 3.0822



35.4982, 13.6169, -8.5913

Square

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



35.4982, -17.5705, 3.0826



35.4982, -3.1178, -18.7394



35.4982, 17.0813, 0.7421



35.4982, -0.6575, 14.7495

Rectangle

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



35.4975, -17.5702, 3.0822



35.4982, -13.1562, -12.0572



35.4982, 17.0813, 0.7421



35.4982, 10.9702, 11.8469

Sweetspot

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



35.4982, -17.5705, 3.0826



50.2902, -10.3488, 2.7253



35.1740, -20.6656, 16.7786



24.1889, -5.2619, 1.3192



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.



35.4982, -17.5705, 3.0826



46.3729, -26.1550, 5.0292



30.9749, -8.5705, -9.3015



19.5016, -2.5973, 1.0385



37.6709, -24.7772, 6.4014



83.9990, -55.7831, 15.4281

Inverse Universe

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



23.8439, 20.3313, 4.0692



28.3523, 33.4380, 7.2237



26.7674, 11.6142, 10.7398



18.4730, 0.6420, 1.0665



20.1490, 34.8901, 10.0399



44.8480, 77.4180, 24.2168

Previews

White Background



This preview shows how the HunterLab color 35.4975, -17.5702, 3.0822 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 35.4975, -17.5702, 3.0822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

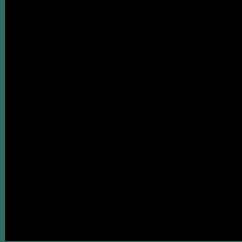
Any Text WCAG AA × Fail

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 35.4975, -17.5702, 3.0822 Background



This preview shows how black text looks on a background with the HunterLab color 35.4975, -17.5702, 3.0822.



This preview shows how white text looks on a background with the HunterLab color 35.4975,

-17.5702, 3.0822.

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

35.4975, -17.5702, 3.0822

Protanopia

35.4195, -2.0089, 5.5984

Deuteranopia

35.2913, 2.0677, 1.9509



Tritanopia

35.4410, -12.0017, -6.0133

Trichromacy



Original Color

35.4975, -17.5702, 3.0822

Protanomaly

35.0887, -8.7574, 4.3595

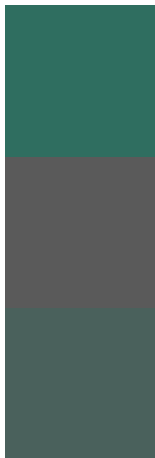
Deuteranomaly

34.8821, -6.3096, 1.7430

Tritanomaly

35.4021, -14.1138, -2.6629

Monochromacy



Original Color

35.4975, -17.5702, 3.0822

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.8298, -8.3520, 1.7974

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.4975, -17.5702, 3.0822 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(47, 110, 96)` looks like.

```
.text, #text, p{  
    color:rgb(47, 110, 96)  
}
```

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(47, 110, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 110, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 35.4975, -17.5702, 3.0822 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(47, 110, 96) }
```


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

```
.border{ border-color:rgb(47, 110, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 110, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 110, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 110, 96);  
box-shadow:4px 4px 4px 4px rgb(47, 110,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.4975, -17.5702, 3.0822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 110, 96) }
```

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

```
.background{ background-color: rgb(47, 110,  
96) }
```

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