

Converting Colors

HunterLab(48.6731, -2.6659,
3.0910)

Have a look what the booklet for
HunterLab(48.6731, -2.6659, 3.0910)
contains.

HunterLab(48.7975, -2.7611, 3.0588)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**HunterLab(48.7975, -2.7611,
3.0588)**

Conversions

Conversions Part 1

Format	Color
Hex	868685
RGB	134, 134, 133
RGB Percent	53%, 53%, 52%
CMY	0.4745, 0.4745, 0.4784
CMYK	0.00, 0.00, 0.01, 0.47
HSL	60°, 0%, 52%
HSV	60°, 1%, 53%
XYZ	22.5902, 23.8120, 25.5958
YIQ	133.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

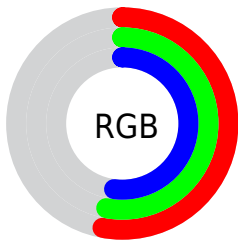
Format	Color
R_{YB}	133, 134, 133
Decimal	8816261
CIE _{Lab}	55.90, -0.19, 0.53
CIE _{LCh}	56, 0.566, 110.117
Yxy	23.8130, 0.3138, 0.3307
Android (android.graphics.Color)	4287006341 (0xFF868685)
YUV	133.8860, -0.4368, 0.1000
Hunter-Lab	48.7975, -2.7611, 3.0588

Details

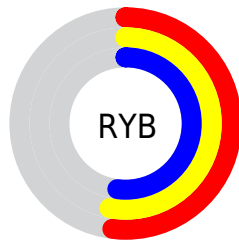
The HunterLab color $48.7975, -2.7611, 3.0588$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.4597, -2.4261, 2.2218$, and the grayscale version is $48.7833, -2.6030, 2.6505$.

A 20% lighter version of the original color is $70.4632, -3.9273, 4.2621$, and $29.7751, -1.5887, 1.6177$ is the 20% darker color. If you saturate the color by 10%, you get $48.4390, -4.7354, 8.1704$, and if you desaturate by 10%, it is $49.2035, -0.5567, -2.6571$.

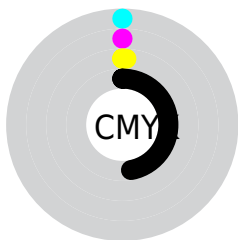
Distribution



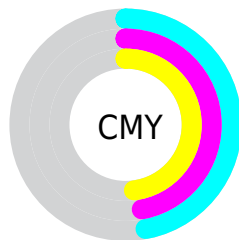
- Red (53%)
- Green (53%)
- Blue (52%)



- Red (52%)
- Yellow (53%)
- Blue (52%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)



- Cyan (47%)
- Magenta (47%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.7975, -2.7611, 3.0588 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 48.7975, -2.7611, 3.0588 by changing the saturation by 10% instead.

■ 48.7975, -2.7611,
3.0588

■ 48.7975, -2.7611,
3.0588

164.8859, -9.0407,
9.5819

■ 38.9807, -2.2266,
2.4958

■ 70.5158, -3.9426,
4.2948

■ 29.9271, -1.7308,
1.9711

■ 82.3331, -4.5831,
4.9624

■ 21.7088, -1.2784,
1.4886

■ 94.7455, -5.2550,
5.6612

■ 14.4212, -0.8740,
1.0522

107.7256, -5.9567,
6.3899

■ 8.0819, -0.5366,
0.7124

121.2497, -6.6873,
7.1473

0.0000, NaN, NaN

135.2966, -7.4454,

0.0000, NaN, NaN

7.9324

0.0000, NaN, NaN

149.8477, -8.2302,
8.7442

0.0000, NaN, NaN

■ 48.7975, -2.7611,
3.0588

■ 48.7975, -2.7611,
3.0588

■ 48.4390, -4.7354,
8.1704

■ 49.2035, -0.5567,
-2.6571

■ 48.1240, -6.4754,
12.6736

■ 49.6545, 1.8787,
-8.9730

■ 47.8526, -7.9837,
16.5731

■ 50.1518, 4.5396,
-15.8773

■ 47.6232, -9.2639,
19.8785

■ 50.6956, 7.4203,
-23.3548

■ 47.4344, -10.3221,
22.6058

■ 51.2859, 10.5136,
-31.3873

■ 47.2839, -11.1671,
24.7776

■ 51.9223, 13.8114,
-39.9538

■ 47.1695, -11.8104,
26.4244

■ 52.6046, 17.3047,
-49.0308

■ 47.0882, -12.2669,
27.5851

■ 53.3321, 20.9838,
-58.5934

■ 47.0365, -12.5558,
28.3091

■ 54.1043, 24.8386,
-68.6154

Harmonies

Analogous

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



48.7985, -2.5285, 3.0793



48.7975, -2.7611, 3.0588



48.7985, -2.9539, 2.9320

Triad

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



48.7985, -2.7623, 3.0596



48.7985, -2.8968, 2.3240



48.7985, -2.1588, 2.5821

Complementary

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



48.7975, -2.7611, 3.0588



48.4597, -2.4261, 2.2218

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.



48.7985, -2.2579, 2.3788



48.7975, -2.7611, 3.0588



48.7985, -2.6842, 2.2293

Square

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



48.7985, -2.7623, 3.0596



48.7985, -3.0315, 2.5076



48.7985, -2.4503, 2.2494



48.7985, -2.1798, 2.8044

Rectangle

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



48.7975, -2.7611, 3.0588



48.7985, -3.0321, 2.8027



48.7985, -2.4503, 2.2494



48.7985, -2.1792, 2.5093

Sweetspot

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



48.7985, -2.7623, 3.0596



64.8100, -3.4581, 3.5212



48.5153, -2.2903, 2.7359



30.7619, -1.6414, 1.6714



82.0889, -4.3801, 4.4600

Same Dimension

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



48.7985, -2.7623, 3.0596



64.7580, -3.7423, 4.2577



48.7566, -2.9083, 3.0080



23.4293, -1.3428, 1.5117



45.5025, -12.3244, 27.8226



2.6791, -0.7224, 1.6382

Inverse Universe

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



48.4597, -2.4261, 2.2218



64.1436, -3.1328, 2.7387



48.5017, -2.2803, 2.2741



23.2310, -1.1461, 1.0214



12.7082, 34.4558, -90.1793



0.7501, 2.0295, -5.2905

Previews

White Background



This preview shows how the HunterLab color 48.7975, -2.7611, 3.0588 looks on a white 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

Black Background



This preview shows how the HunterLab color 48.7975, -2.7611, 3.0588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

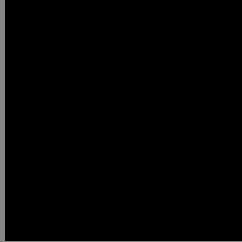
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

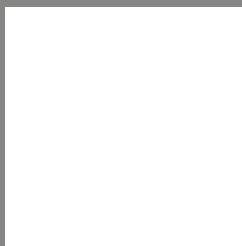
Any Text WCAG AAA × Fail

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

HunterLab 48.7975, -2.7611, 3.0588 Background



This preview shows how black text looks on a background with the HunterLab color 48.7975, -2.7611, 3.0588.



This preview shows how white text looks on a background with the HunterLab color 48.7975, -2.7611, 3.0588.

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

48.7975, -2.7611, 3.0588

Protanopia

48.6855, -1.6993, 2.9463

Deuteranopia

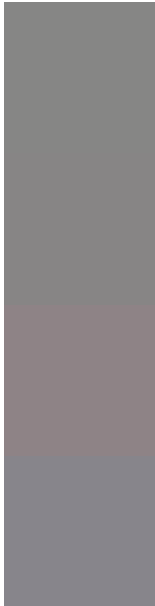
48.8769, 3.2767, 2.8157



Tritanopia

48.7031, 0.3947, -1.6179

Trichromacy



Original Color

48.7975, -2.7611, 3.0588

Protanomaly

48.5998, -1.9960, 2.8407

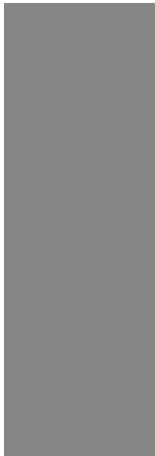
Deuteranomaly

48.6874, 1.2278, 2.5566

Tritanomaly

48.7750, -1.0399, 0.3448

Monochromacy



Original Color

48.7975, -2.7611, 3.0588

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

48.8260, -2.6052, 2.6528

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.7975, -2.7611, 3.0588 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(134, 134, 133)` looks like.

```
.text, #text, p{  
    color:rgb(134, 134, 133)  
}
```

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(134, 134, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 134, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 48.7975, -2.7611, 3.0588 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(134, 134, 133) }
```

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

```
.border{ border-color:rgb(134, 134, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 134, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 134, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 134, 133);  
box-shadow:4px 4px 4px 4px rgb(134, 134,  
133) }
```


Background

The CSS property to change the background color of an element to HunterLab 48.7975, -2.7611, 3.0588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 134, 133) }
```

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

```
.background{ background-color: rgb(134,  
134, 133) }
```

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