

Converting Colors

HunterLab(46.9233, -0.1973,
3.3207)

Have a look what the booklet for
HunterLab(46.9233, -0.1973, 3.3207)
contains.

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Color

HunterLab(47.0614, -0.4034,
3.2633)

Conversions

Conversions Part 1

Format	Color
Hex	878080
RGB	135, 128, 128
RGB Percent	53%, 50%, 50%
CMY	0.4706, 0.4980, 0.4980
CMYK	0.00, 0.05, 0.05, 0.47
HSL	0°, 3%, 52%
HSV	0°, 5%, 53%
XYZ	21.6071, 22.1478, 23.5582
YIQ	130.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

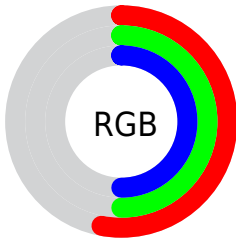
Format	Color
R_{YB}	135, 128, 128
Decimal	8880256
CIE _{Lab}	54.18, 2.64, 0.94
CIE _{LCh}	54, 2.803, 19.590
Yxy	22.1487, 0.3210, 0.3290
Android (android.graphics.Color)	4287070336 (0xFF878080)
YUV	130.0930, -1.0318, 4.3034
Hunter-Lab	47.0614, -0.4034, 3.2633

Details

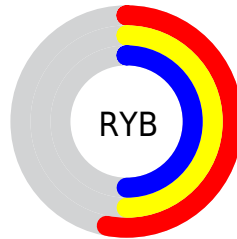
The HunterLab color $47.0614, -0.4034, 3.2633$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.6478, -4.6335, 1.9591$, and the grayscale version is $47.2873, -2.5231, 2.5692$.

A 20% lighter version of the original color is $68.6114, -1.4279, 4.4762$, and $28.4390, 0.1531, 2.1050$ is the 20% darker color. If you saturate the color by 10%, you get $43.0428, 4.0179, 4.4579$, and if you desaturate by 10%, it is $51.2701, -4.6489, 2.1433$.

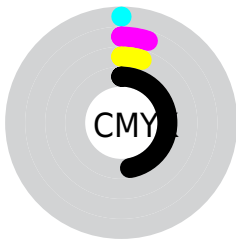
Distribution



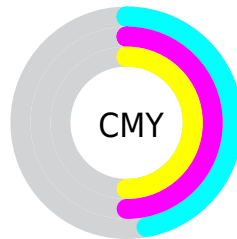
- Red (53%)
- Green (50%)
- Blue (50%)



- Red (53%)
- Yellow (50%)
- Blue (50%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (47%)



- Cyan (47%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0614, -0.4034, 3.2633 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 47.0614, -0.4034, 3.2633 by changing the saturation by 10% instead.

■ 47.0614, -0.4034,
3.2633

■ 47.0614, -0.4034,
3.2633

162.2720, -5.4965,
9.8986

■ 37.3714, -0.0402,
2.6838

■ 68.5505, -1.2752,
4.5289

■ 28.4555, 0.2698,
2.1410

■ 80.2626, -1.7737,
5.2100

■ 20.3892, 0.5172,
1.6382

■ 92.5749, -2.3103,
5.9216

■ 13.2736, 0.6902,
1.1784

105.4594, -2.8828,
6.6625

■ 6.8062, 1.3270,
0.9428

118.8917, -3.4892,
7.4316

0.0000, NaN, NaN

0.0000, NaN, NaN

132.8504, -4.1279,

8.2279

0.0000, NaN, NaN

147.3162, -4.7974,
9.0505

0.0000, NaN, NaN

■ 47.0614, -0.4034,
3.2633

■ 47.0614, -0.4034,
3.2633

■ 43.0428, 4.0179,
4.4579

■ 51.2701, -4.6489,
2.1433

■ 39.2432, 8.6301,
5.7310

■ 55.6403, -8.7346,
1.0873

■ 35.7039, 13.4241,
7.0834

■ 60.1526, -12.6833,
0.0874

■ 32.4742, 18.3537,
8.5033

■ 64.7907, -16.5160,
-0.8647

■ 29.6135, 23.3066,
9.9571

■ 69.5413, -20.2515,
-1.7762

■ 27.1876, 28.0735,
11.3794

■ 74.3935, -23.9063,
-2.6533

■ 25.2611, 32.3356,
12.6678

■ 79.3383, -27.4945,
-3.5015

■ 23.8813, 35.7099,
13.6975

■ 84.3680, -31.0279,
-4.3253

■ 23.0375, 37.9296,
14.3792

■ 89.4763, -34.5167,
-5.1286

Harmonies

Analogous

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



47.0624, -0.3110, 2.1787



47.0614, -0.4034, 3.2633



47.0624, -1.0664, 4.1410

Triad

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



47.0624, -0.4046, 3.2641



47.0624, -4.1915, 3.9098



47.0624, -2.9140, 0.4378

Complementary

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



47.0614, -0.4034, 3.2633



48.6478, -4.6335, 1.9591

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.



47.0624, -3.9436, 0.9258



47.0614, -0.4034, 3.2633



47.0624, -4.6765, 2.9416

Square

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



47.0624, -0.4046, 3.2641



47.0624, -3.2554, 4.5075



47.0624, -4.5862, 1.8484



47.0624, -1.7673, 0.5292

Rectangle

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



47.0614, -0.4034, 3.2633



47.0624, -1.7372, 4.4976



47.0624, -4.5862, 1.8484



47.0624, -3.2851, 0.5399

Sweetspot

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



47.0624, -0.4046, 3.2641



64.7219, -2.3496, 3.8870



47.2640, 0.6930, 0.3817



31.1833, -1.1684, 1.8606



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



47.0624, -0.4046, 3.2641



62.4570, 0.0098, 4.5153



48.0385, -2.0534, 4.3594



22.1838, 0.0540, 1.6207



21.7962, 37.3154, 14.0840



1.2835, 2.1943, 0.8293

Inverse Universe

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



48.6478, -4.6335, 1.9591



64.9645, -6.6796, 2.4510



47.6509, -3.0029, 0.7888



23.1115, -2.4211, 0.8569



41.9285, -22.2194, -4.4416



2.4683, -1.3083, -0.2609

Previews

White Background



This preview shows how the HunterLab color 47.0614, -0.4034, 3.2633 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 47.0614, -0.4034, 3.2633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

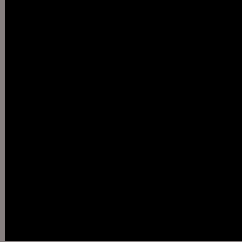
Any Text WCAG AA ✓ Pass

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 47.0614, -0.4034, 3.2633 Background



This preview shows how black text looks on a background with the HunterLab color 47.0614, -0.4034, 3.2633.



This preview shows how white text looks on a background with the HunterLab color 47.0614, -0.4034,

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

47.0614, -0.4034, 3.2633

Protanopia

47.1074, -1.6198, 2.8590

Deuteranopia

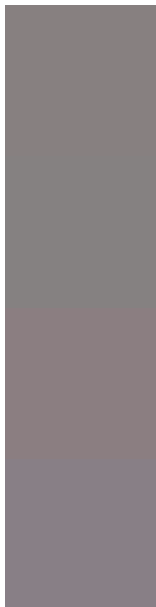
46.9073, 3.3481, 2.7112



Tritanopia

47.1372, 1.7973, -0.6915

Trichromacy



Original Color

47.0614, -0.4034, 3.2633

Protanomaly

47.1933, -1.3229, 2.9647

Deuteranomaly

46.8995, 1.9273, 2.6772

Tritanomaly

47.0470, 1.3112, 0.5896

Monochromacy



Original Color

47.0614, -0.4034, 3.2633

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.1074, -1.6198, 2.8590

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0614, -0.4034, 3.2633 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(135, 128, 128)` looks like.

```
.text, #text, p{  
    color:rgb(135, 128, 128)  
}
```

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(135, 128, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 128, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0614, -0.4034, 3.2633 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(135, 128, 128) }
```


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

```
.border{ border-color:rgb(135, 128, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 128, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 128, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 128, 128);  
box-shadow:4px 4px 4px 4px rgb(135, 128,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0614, -0.4034, 3.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 128, 128) }
```

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

```
.background{ background-color: rgb(135,  
128, 128) }
```

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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