

Converting Colors

HunterLab(47.6871, -2.0905,
1.9193)

Have a look what the booklet for
HunterLab(47.6871, -2.0905, 1.9193)
contains.

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Color

**HunterLab(47.6984, -2.2275,
1.7695)**

Conversions

Conversions Part 1

Format	Color
Hex	838385
RGB	131, 131, 133
RGB Percent	51%, 51%, 52%
CMY	0.4863, 0.4863, 0.4784
CMYK	0.02, 0.02, 0.00, 0.48
HSL	240°, 1%, 52%
HSV	240°, 2%, 52%
XYZ	21.7100, 22.7514, 25.4376
YIQ	131.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

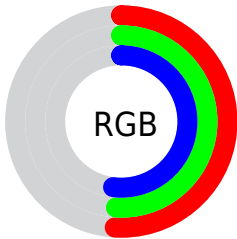
Format	Color
R_{YB}	131, 131, 133
Decimal	8618885
CIE _{Lab}	54.82, 0.40, -1.08
CIE _{LCh}	55, 1.154, 290.314
Yxy	22.7523, 0.3106, 0.3255
Android (android.graphics.Color)	4286808965 (0xFF838385)
YUV	131.2280, 0.8736, -0.2000
Hunter-Lab	47.6984, -2.2275, 1.7695

Details

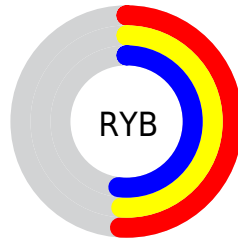
The HunterLab color $47.6984, -2.2275, 1.7695$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.3736, -2.8932, 3.4381$, and the grayscale version is $47.7286, -2.5467, 2.5932$.

A 20% lighter version of the original color is $69.2939, -3.3602, 2.8920$, and $29.1007, -1.2591, 0.8209$ is the 20% darker color. If you saturate the color by 10%, you get $42.9124, 0.2329, -4.2133$, and if you desaturate by 10%, it is $52.6155, -4.5328, 7.3363$.

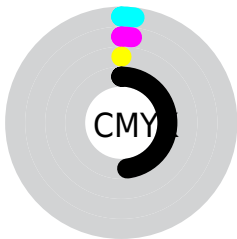
Distribution



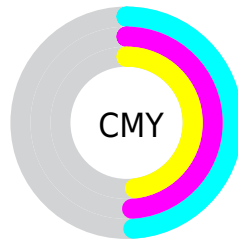
- Red (51%)
- Green (51%)
- Blue (52%)



- Red (51%)
- Yellow (51%)
- Blue (52%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (49%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6984, -2.2275, 1.7695 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 47.6984, -2.2275, 1.7695 by changing the saturation by 10% instead.

■ 47.6984, -2.2275,
1.7695

■ 47.6984, -2.2275,
1.7695

163.2331, -8.2380,
7.6464

■ 37.9615, -1.7318,
1.2996

■ 69.2722, -3.3387,
2.8369

■ 28.9947, -1.2782,
0.8760

■ 81.0232, -3.9470,
3.4272

■ 20.8720, -0.8723,
0.5048

■ 93.3724, -4.5882,
4.0524

■ 13.6925, -0.5205,
0.1941

106.2922, -5.2606,
4.7107

■ 7.3020, -0.1509,
-0.2169

119.7584, -5.9630,
5.4005

0.0000, NaN, NaN

0.0000, NaN, NaN

133.7496, -6.6941,

6.1205

0.0000, NaN, NaN

148.2469, -7.4527,
6.8695

0.0000, NaN, NaN

■ 47.6984, -2.2275,
1.7695

■ 47.6984, -2.2275,
1.7695

■ 42.9124, 0.2329,
-4.2133

■ 52.6155, -4.5328,
7.3363

■ 38.2736, 2.9002,
-10.7410

■ 57.6460, -6.7158,
12.5800

■ 33.8088, 5.8373,
-17.9805

■ 62.7794, -8.8052,
17.5729

■ 29.5537, 9.1266,
-26.1480

■ 68.0067, -10.8216,
22.3696

■ 25.5592, 12.8664,
-35.5013

■ 73.3204, -12.7809,
27.0116

■ 21.8996, 17.1486,
-46.2836

■ 78.7141, -14.6954,
31.5312

■ 18.6828, 21.9820,
-58.5255

■ 84.1826, -16.5747,
35.9538

■ 16.0581, 27.1063,
-71.5634

■ 89.7215, -18.4263,
40.2993

■ 14.1994, 31.7264,
-83.3526

■ 95.3268, -20.2563,
44.5834

Harmonies

Analogous

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



47.6994, -2.7020, 1.7277



47.6984, -2.2275, 1.7695



47.6994, -1.8393, 2.0355

Triad

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



47.6994, -2.2286, 1.7703



47.6994, -1.9601, 3.2635



47.6994, -3.4491, 2.7431

Complementary

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



47.6984, -2.2275, 1.7695



48.3736, -2.8932, 3.4381

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.



47.6994, -3.2520, 3.1506



47.6984, -2.2275, 1.7695



47.6994, -2.3931, 3.4491

Square

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



47.6994, -2.2286, 1.7703



47.6994, -1.6838, 2.8985



47.6994, -2.8659, 3.4080



47.6994, -3.4054, 2.2923

Rectangle

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



47.6984, -2.2275, 1.7695



47.6994, -1.6804, 2.3013



47.6994, -2.8659, 3.4080



47.6994, -3.4088, 2.8896

Sweetspot

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



47.6994, -2.2286, 1.7703



64.8100, -3.4581, 3.5212



48.2631, -3.1705, 2.4381



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.



47.6994, -2.2286, 1.7703



63.4796, -2.8098, 1.9509



47.7800, -1.9458, 1.8714



23.0165, -1.0419, 0.7674



12.7133, 34.3942, -90.1377



0.7518, 2.0091, -5.2768

Inverse Universe

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



47.8103, -1.9551, 2.7963



63.6818, -2.3118, 3.8221



48.2933, -3.1769, 3.3398



23.0818, -0.8812, 1.3709



21.7947, 37.3257, 14.0717



1.2830, 2.1977, 0.8252

Previews

White Background



This preview shows how the HunterLab color 47.6984, -2.2275, 1.7695 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 47.6984, -2.2275, 1.7695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

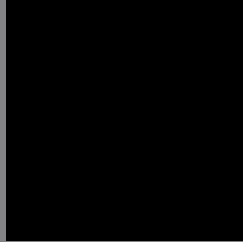
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

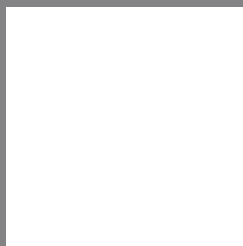
Any Text WCAG AAA × Fail

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

HunterLab 47.6984, -2.2275, 1.7695 Background



This preview shows how black text looks on a background with the HunterLab color 47.6984, -2.2275, 1.7695.



This preview shows how white text looks on a background with the HunterLab color 47.6984, -2.2275, 1.7695.

1.7695.

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

47.6984, -2.2275, 1.7695

Protanopia

47.5870, -1.1707, 1.6549

Deuteranopia

47.6861, 3.4677, 1.4020



Tritanopia

47.7119, -0.3214, -1.4375

Trichromacy



Original Color

47.6984, -2.2275, 1.7695

Protanomaly

47.5018, -1.4649, 1.5477

Deuteranomaly

47.5905, 1.7451, 1.2566

Tritanomaly

47.6203, -0.8193, -0.1376

Monochromacy



Original Color

47.6984, -2.2275, 1.7695

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.6695, -2.3854, 2.1807

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6984, -2.2275, 1.7695 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(131, 131, 133)` looks like.

```
.text, #text, p{  
    color:rgb(131, 131, 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(131, 131, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 131, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6984, -2.2275, 1.7695 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(131, 131, 133) }
```

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

```
.border{ border-color:rgb(131, 131, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 131, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 131, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 131, 133);  
box-shadow:4px 4px 4px 4px rgb(131, 131,  
133) }
```


Background

The CSS property to change the background color of an element to HunterLab 47.6984, -2.2275, 1.7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 131, 133) }
```

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

```
.background{ background-color: rgb(131,  
131, 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](#).

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