

Converting Colors

HunterLab(31.8678, 47.4399,
7.7462)

Have a look what the booklet for
HunterLab(31.8678, 47.4399,
7.7462) contains.

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Color

**HunterLab(31.8678, 47.4399,
7.7462)**

Conversions

Conversions Part 1

Format	Color
Hex	AA214C
RGB	170, 33, 76
RGB Percent	67%, 13%, 30%
CMY	0.3333, 0.8705, 0.7020
CMYK	0.00, 0.81, 0.55, 0.33
HSL	341°, 67%, 40%
HSV	341°, 81%, 67%
XYZ	18.4259, 10.1556, 7.8265
YIQ	78.8650, 67.8490, 42.4170

Conversions

Conversions Part 2

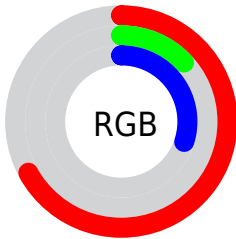
Format	Color
R_{YB}	170, 33, 76
Decimal	11149644
CIE Lab	38.12, 56.10, 10.15
CIE LCh	38, 57.011, 10.260
Yxy	10.1562, 0.5061, 0.2789
Android (android.graphics.Color)	4289339724 (0xFFAA214C)
YUV	78.8650, -1.4124, 79.9254
Hunter-Lab	31.8678, 47.4399, 7.7462

Details

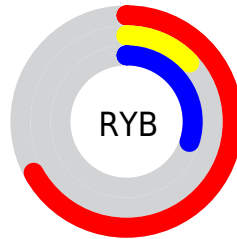
The HunterLab color **31.8678, 47.4399, 7.7462** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **55.3222, -36.0459, 11.9356**, and the grayscale version is **27.9031, -1.4888, 1.5160**.

A 20% lighter version of the original color is **50.9489, 51.5470, 9.7185**, and **18.6797, 32.5774, 7.5137** is the 20% darker color. If you saturate the color by 10%, you get **30.4810, 50.2992, 10.1304**, and if you desaturate by 10%, it is **33.9518, 42.9271, 5.6763**.

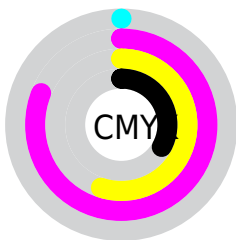
Distribution



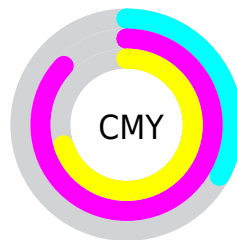
- Red (67%)
- Green (13%)
- Blue (30%)



- Red (67%)
- Yellow (13%)
- Blue (30%)



- Cyan (0%)
- Magenta (81%)
- Yellow (55%)
- Black (33%)



- Cyan (33%)
- Magenta (87%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8678, 47.4399, 7.7462 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 31.8678, 47.4399, 7.7462 by changing the saturation by 10% instead.

31.8678, 47.4399,
7.7462

31.8678, 47.4399,
7.7462

138.4857, 62.1776,
18.0570

23.4577, 45.3768,
6.5679

51.0772, 51.4049,
10.0326

15.9533, 43.4355,
5.3340

61.7549, 53.2439,
11.1627

9.4823, 42.1122,
4.9557

73.0877, 54.9769,
12.2933

0.0000, INF, NaN

0.0000, INF, NaN

85.0398, 56.6059,
13.4282

0.0000, NaN, NaN

97.5805, 58.1354,
14.5703

0.0000, NaN, NaN

110.6833, 59.5703,

0.0000, NaN, NaN

15.7215

0.0000, NaN, NaN

124.3253, 60.9160,
16.8834

■ 31.8678, 47.4399,
7.7462

■ 31.8678, 47.4399,
7.7462

■ 30.4810, 50.2992,
10.1304

■ 33.9518, 42.9271,
5.6763

■ 29.6754, 51.6970,
12.3772

■ 36.6999, 37.2008,
4.0611

■ 40.0450, 30.7394,
2.9491

■ 43.9057, 23.9341,
2.3187

■ 48.2036, 17.0446,
2.1128

■ 52.8697, 10.2185,
2.2646

■ 57.8471, 3.5263,
2.7111

■ 63.0894, -3.0079,
3.3983

■ 68.5595, -9.3849,
4.2826

Harmonies

Analogous

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



31.8687, 44.8496, -13.8103



31.8678, 47.4399, 7.7462



31.8687, 34.5405, 17.7487

Triad

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



31.8687, 47.4367, 7.7470



31.8687, -23.4872, 19.1795



31.8687, -14.0160, -58.0816

Complementary

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



31.8678, 47.4399, 7.7462



55.3222, -36.0459, 11.9356

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.



31.8687, -26.6617, -33.5238



31.8678, 47.4399, 7.7462



31.8687, -31.0888, 12.0235

Square

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



31.8687, 47.4367, 7.7470



31.8687, -8.4600, 21.0559



31.8687, -32.0805, -5.7395



31.8687, 5.6704, -62.1497

Rectangle

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



31.8678, 47.4399, 7.7462



31.8687, 20.4422, 20.1789



31.8687, -32.0805, -5.7395



31.8687, -19.0787, -51.4486

Sweetspot

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



31.8687, 47.4367, 7.7470



68.7398, 17.2897, 2.9202



29.1093, 50.2117, -58.6438



31.4354, 9.6731, 1.3493



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



31.8687, 47.4367, 7.7470



40.1837, 69.1285, 16.3636



34.1975, 36.0481, 19.2074



27.5312, 1.2542, 1.3117



25.4698, 44.4051, 10.3549



4.0863, 7.3413, -0.0208

Inverse Universe

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



31.8687, 47.4367, 7.7470



40.1837, 69.1285, 16.3636



48.4164, -18.3998, -17.0592



27.5312, 1.2542, 1.3117



25.4698, 44.4051, 10.3549



4.0863, 7.3413, -0.0208

Previews

White Background



This preview shows how the HunterLab color 31.8678, 47.4399, 7.7462 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 31.8678, 47.4399, 7.7462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

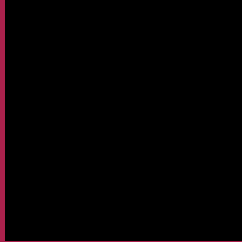
Any Text WCAG AA × Fail

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 31.8678, 47.4399, 7.7462 Background



This preview shows how black text looks on a background with the HunterLab color 31.8678, 47.4399, 7.7462.



This preview shows how white text looks on a background with the HunterLab color 31.8678, 47.4399,

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

31.8678, 47.4399, 7.7462

Protanopia

32.3043, 0.2412, -4.1272

Deuteranopia

32.2054, 2.0911, 9.5162



Tritanopia

31.8672, 41.7661, 16.1153

Trichromacy



Original Color

31.8678, 47.4399, 7.7462

Protanomaly

29.8596, 17.2082, -2.3266

Deuteranomaly

30.3776, 19.6007, 7.0957

Tritanomaly

31.8777, 43.7583, 13.6864

Monochromacy



Original Color

31.8678, 47.4399, 7.7462

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

27.2765, 16.2666, 1.4252

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8678, 47.4399, 7.7462 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(170, 33, 76)` looks like.

```
.text, #text, p{  
    color:rgb(170, 33, 76)  
}
```

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(170, 33, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 33, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8678, 47.4399, 7.7462 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(170, 33, 76) }
```


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

```
.border{ border-color:rgb(170, 33, 76) }
```

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

Here you see how a box with a 4 pixel rgb(170, 33, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 33, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 33, 76);  
box-shadow:4px 4px 4px 4px rgb(170, 33,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.8678, 47.4399, 7.7462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 33, 76) }
```

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

```
.background{ background-color: rgb(170, 33,  
76) }
```

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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