

Converting Colors

HunterLab(77.9151, 5.2263,
43.9408)

Have a look what the booklet for
HunterLab(77.9151, 5.2263,
43.9408) contains.

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Color

**HunterLab(77.9151, 5.2263,
43.9408)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC344
RGB	255, 195, 68
RGB Percent	100%, 76%, 27%
CMY	0.0000, 0.2353, 0.7333
CMYK	0.00, 0.24, 0.73, 0.00
HSL	41°, 100%, 63%
HSV	41°, 73%, 100%
XYZ	61.7986, 60.7076, 13.9295
YIQ	198.4620, 76.5270, -26.7770

Conversions

Conversions Part 2

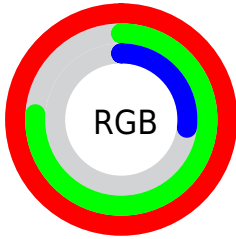
Format	Color
R_{YB}	156, 255, 68
Decimal	16761668
CIE Lab	82.22, 9.79, 68.57
CIE LCh	82, 69.267, 81.875
Yxy	60.7106, 0.4529, 0.4450
Android (android.graphics.Color)	4294951748 (0xFFFFC344)
YUV	198.4620, -64.3178, 49.5838
Hunter-Lab	77.9151, 5.2263, 43.9408

Details

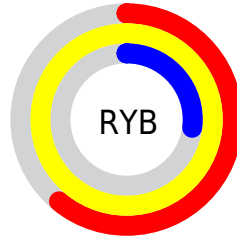
The HunterLab color **77.9151, 5.2263, 43.9408** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **48.8740, 17.2920, -84.3512**, and the grayscale version is **75.5875, -4.0332, 4.1068**.

A 20% lighter version of the original color is **95.7520, -19.7126, 47.0536**, and **55.5116, 5.4987, 34.3022** is the 20% darker color. If you saturate the color by 10%, you get **75.4305, 8.5624, 44.8706**, and if you desaturate by 10%, it is **80.5356, 2.3277, 41.9559**.

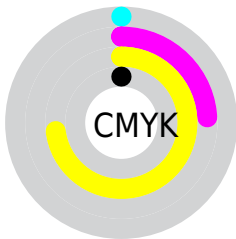
Distribution



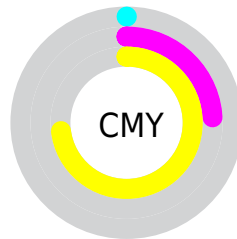
- Red (100%)
- Green (76%)
- Blue (27%)



- Red (61%)
- Yellow (100%)
- Blue (27%)



- Cyan (0%)
- Magenta (24%)
- Yellow (73%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.9151, 5.2263, 43.9408 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 77.9151, 5.2263, 43.9408 by changing the saturation by 10% instead.


 77.9151, 5.2263,
43.9408

 77.9151, 5.2263,
43.9408


206.6911, 1.8090,
79.2202

 66.3262, 5.3743,
39.3358


 102.8882, 4.7601,
52.6126


 55.3751, 5.4661,
34.5164

 116.2148, 4.4574,
56.7228


 45.1033, 5.4911,
29.4604


 130.0718, 4.1112,
60.7078

 35.5594, 5.4403,
24.3989

 144.4395, 3.7243,
64.5828

 26.8036, 5.3014,
18.7625

 159.3005, 3.2987,
68.3612

 18.9147, 5.0572,
13.2403

174.6388, 2.8365,

 12.0010, 4.6810,

72.0540

8.4007

190.4401, 2.3395,
75.6709

■ 4.9608, 8.3346,
3.4725

0.0000, NaN, NaN

■ 77.9151, 5.2263,
43.9408

■ 77.9151, 5.2263,
43.9408

■ 75.4305, 8.5624,
44.8706

■ 80.5356, 2.3277,
41.9559

■ 73.0742, 12.3079,
44.8130

■ 83.2850, -0.1030,
38.8925

■ 71.5680, 14.9754,
44.3620

■ 86.1623, -2.0635,
34.7608

■ 89.1634, -3.5575,
29.5898

■ 92.2838, -4.5955,
23.4212

■ 95.5185, -5.1928,
16.3041

■ 98.8624, -5.3678,
8.2918

■ 99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



77.9170, 40.0785, 38.8480



77.9151, 5.2263, 43.9408



77.9170, -26.8919, 42.5287

Triad

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



77.9170, 5.2226, 43.9415



77.9170, -55.6940, -22.4370



77.9170, 53.7302, -44.2970

Complementary

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



77.9151, 5.2263, 43.9408



48.8740, 17.2920, -84.3512

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.



77.9170, 21.5157, -77.5276



77.9151, 5.2263, 43.9408



77.9170, -40.3094, -61.6106

Square

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



77.9170, 5.2226, 43.9415



77.9170, -58.5516, 12.4703



77.9170, -13.1218, -84.9404



77.9170, 71.0348, -4.9965

Rectangle

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



77.9151, 5.2263, 43.9408



77.9170, -42.9136, 37.6235



77.9170, -13.1218, -84.9404



77.9170, 44.0498, -57.1347

Sweetspot

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



77.9170, 5.2226, 43.9415



92.7083, -4.7001, 22.5273



51.9764, 71.6842, 9.0566



42.4924, -2.0721, 11.2563

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.9170, 5.2226, 43.9415



74.3147, 10.2639, 44.9597



93.6791, -35.3359, 53.6442



44.7776, -2.4560, 6.1720



52.0053, 10.3037, 32.2258



16.8258, 2.0929, 10.4046

Inverse Universe

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



48.8740, 17.2920, -84.3512



41.3822, 28.5719, -109.5489



37.4393, 55.0163, -125.7895



42.8124, -2.0468, -1.6988



26.7365, 27.4473, -92.6692



9.4008, 5.8881, -24.4610

Previews

White Background



This preview shows how the HunterLab color 77.9151, 5.2263, 43.9408 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 77.9151, 5.2263, 43.9408 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 ✓ Pass

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

HunterLab 77.9151, 5.2263, 43.9408 Background



This preview shows how black text looks on a background with the HunterLab color 77.9151, 5.2263, 43.9408.



This preview shows how white text looks on a background with the HunterLab color 77.9151, 5.2263,

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

77.9151, 5.2263, 43.9408

Protanopia

77.9587, -9.8505, 43.3316

Deuteranopia

77.9821, 5.5851, 42.9514



Tritanopia

77.7528, 22.3199, 7.5619

Trichromacy



Original Color

77.9151, 5.2263, 43.9408

Protanomaly

77.7127, -4.4938, 43.3868

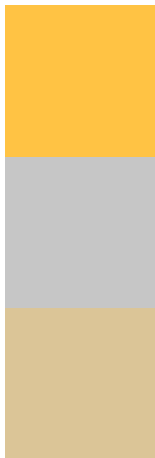
Deuteranomaly

77.9559, 5.4451, 43.3374

Tritanomaly

77.3883, 14.5503, 25.5100

Monochromacy



Original Color

77.9151, 5.2263, 43.9408

Achromatopsia

75.1473, -4.0097, 4.0829

Achromatomaly

75.6485, -3.1601, 23.6120

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.9151, 5.2263, 43.9408 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(255, 195, 68)` looks like.

```
.text, #text, p{  
  color:rgb(255, 195, 68)  
}
```

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(255, 195, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 77.9151, 5.2263, 43.9408 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(255, 195, 68) }
```


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

```
.border{ border-color:rgb(255, 195, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 68);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
68) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.9151, 5.2263, 43.9408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 68) }
```

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

```
.background{ background-color: rgb(255,  
195, 68) }
```

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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