

Converting Colors

HunterLab(79.3066, 3.2194,
43.8562)

Have a look what the booklet for
HunterLab(79.3066, 3.2194,
43.8562) contains.

HunterLab(79.4294, 3.0237, 43.8932)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(79.4294, 3.0237,
43.8932)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC84C
RGB	255, 200, 76
RGB Percent	100%, 78%, 30%
CMY	0.0000, 0.2157, 0.7019
CMYK	0.00, 0.22, 0.70, 0.00
HSL	42°, 100%, 65%
HSV	42°, 70%, 100%
XYZ	63.1987, 63.0903, 15.6841
YIQ	202.3090, 72.5840, -26.9040

Conversions

Conversions Part 2

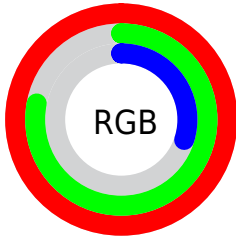
Format	Color
RYB	155, 255, 76
Decimal	16762956
CIELab	83.49, 7.57, 66.69
CIElCh	83, 67.122, 83.525
Yxy	63.0934, 0.4451, 0.4444
Android (android.graphics.Color)	4294953036 (0xFFFFC84C)
YUV	202.3090, -62.2703, 46.2100
Hunter-Lab	79.4294, 3.0237, 43.8932

Details

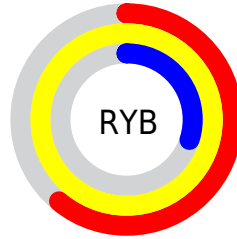
The HunterLab color **79.4294, 3.0237, 43.8932** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed yellow. A complement of this color would be **49.9881, 16.5983, -81.1188**, and the grayscale version is **77.2208, -4.1203, 4.1956**.

A 20% lighter version of the original color is **97.1693, -21.0715, 46.4043**, and **56.6099, 3.6509, 34.6760** is the 20% darker color. If you saturate the color by 10%, you get **76.9867, 6.0433, 45.1766**, and if you desaturate by 10%, it is **82.0022, 0.4472, 41.5415**.

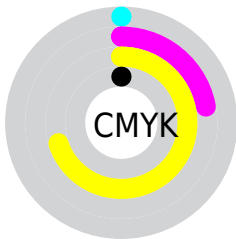
Distribution



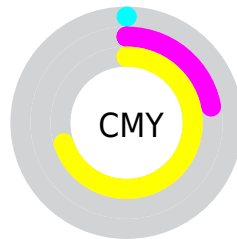
- Red (100%)
- Green (78%)
- Blue (30%)



- Red (61%)
- Yellow (100%)
- Blue (30%)



- Cyan (0%)
- Magenta (22%)
- Yellow (70%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.4294, 3.0237, 43.8932 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 79.4294, 3.0237, 43.8932 by changing the saturation by 10% instead.


 79.4294, 3.0237,
43.8932

 79.4294, 3.0237,
43.8932

208.7842, -1.2118,
78.2046


 67.7619, 3.2822,
39.4275

 104.5487, 2.3518,
52.3088

 56.7275, 3.4905,
34.7542

 117.9437, 1.9524,
56.3014

 46.3672, 3.6392,
29.8485


 131.8665, 1.5132,
60.1749

 36.7278, 3.7208,
24.7737

 146.2978, 1.0363,
63.9442

 27.8682, 3.7252,
19.5077

 161.2201, 0.5238,
67.6219

 19.8641, 3.6377,
13.9049

176.6180, -0.0227,

 12.8191, 3.4364,

71.2186

8.9734

192.4770, -0.6016,
74.7435

■ 6.2171, 4.9731,
4.3520

0.0000, NaN, NaN

■ 79.4294, 3.0237,
43.8932

■ 79.4294, 3.0237,
43.8932

■ 76.9867, 6.0433,
45.1766

■ 82.0022, 0.4472,
41.5415

■ 74.6671, 9.4848,
45.4451

■ 84.6982, -1.6601,
38.1054

■ 72.5042, 13.1867,
44.9076

■ 87.5165, -3.2983,
33.5980

■ 90.4538, -4.4725,
28.0496

■ 93.5056, -5.1938,
21.5018

■ 96.6676, -5.4777,
14.0029

99.9350, -5.3424,
5.6052

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.



79.4313, 36.9834, 39.0947



79.4294, 3.0237, 43.8932



79.4313, -27.9549, 42.0823

Triad

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



79.4313, 3.0201, 43.8939



79.4313, -54.3336, -23.6511



79.4313, 53.3134, -40.4299

Complementary

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



79.4294, 3.0237, 43.8932



49.9881, 16.5983, -81.1188

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.



79.4313, 22.6258, -73.0378



79.4294, 3.0237, 43.8932



79.4313, -38.4682, -60.9076

Square

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



79.4313, 3.0201, 43.8939



79.4313, -57.8459, 10.8167



79.4313, -11.2532, -81.7557



79.4313, 68.9174, -2.7685

Rectangle

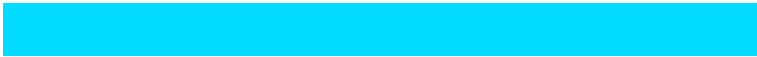
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.4294, 3.0237, 43.8932



79.4313, -43.2920, 36.7575



79.4313, -11.2532, -81.7557



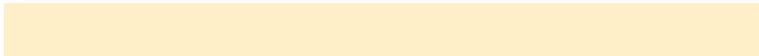
79.4313, 44.2015, -52.8764

Sweetspot

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



79.4313, 3.0201, 43.8939



93.2560, -5.1521, 22.0651



53.0226, 68.9241, 9.1929



42.7506, -2.3075, 11.0799

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.4313, 3.0201, 43.8939



76.0897, 7.3061, 45.3936



93.5948, -35.5446, 52.7187



44.8258, -2.5360, 6.2233



52.6738, 9.0337, 32.6155



17.0154, 1.7463, 10.5154

Inverse Universe

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



49.9881, 16.5983, -81.1188



42.5690, 26.8682, -105.0683



39.5336, 52.3595, -116.6086



42.7643, -1.9666, -1.7585



26.2214, 28.8784, -95.1148



9.2366, 6.2770, -25.0952

Previews

White Background



This preview shows how the HunterLab color 79.4294, 3.0237, 43.8932 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 79.4294, 3.0237, 43.8932 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 79.4294, 3.0237, 43.8932 Background



This preview shows how black text looks on a background with the HunterLab color 79.4294, 3.0237, 43.8932.



This preview shows how white text looks on a background with the HunterLab color 79.4294, 3.0237,

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

79.4294, 3.0237, 43.8932

Protanopia

79.5656, -10.3448, 43.4758

Deuteranopia

79.4018, 4.9506, 39.8203



Tritanopia

79.2675, 20.3770, 6.9406

Trichromacy



Original Color

79.4294, 3.0237, 43.8932

Protanomaly

79.5008, -5.8789, 43.6488

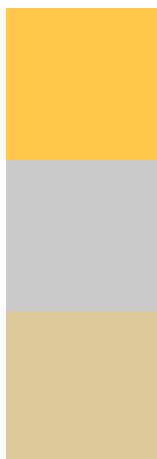
Deuteranomaly

79.2966, 4.3863, 41.3684

Tritanomaly

78.9163, 12.5780, 24.8828

Monochromacy



Original Color

79.4294, 3.0237, 43.8932

Achromatopsia

76.8517, -4.1006, 4.1755

Achromatomaly

77.1659, -3.8676, 23.3152

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.4294, 3.0237, 43.8932 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, 200, 76)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 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(255, 200, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 79.4294, 3.0237, 43.8932 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, 200, 76) }
```


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

```
.border{ border-color:rgb(255, 200, 76) }
```

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

Here you see how a box with a 4 pixel rgb(255, 200, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 76);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.4294, 3.0237, 43.8932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 76) }
```

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

```
.background{ background-color: rgb(255,  
200, 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](#).

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