

Converting Colors

HunterLab(83.6972, 3.3223,
30.2795)

Have a look what the booklet for
HunterLab(83.6972, 3.3223,
30.2795) contains.

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Color

**HunterLab(83.7547, 3.2204,
30.3316)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD399
RGB	255, 211, 153
RGB Percent	100%, 83%, 60%
CMY	0.0000, 0.1725, 0.4000
CMYK	0.00, 0.17, 0.40, 0.00
HSL	34°, 100%, 80%
HSV	34°, 40%, 100%
XYZ	70.2841, 70.1485, 39.9727
YIQ	217.5440, 44.8420, -8.7100

Conversions

Conversions Part 2

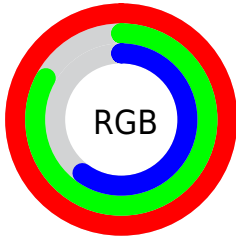
Format	Color
R _Y B	230, 255, 153
Decimal	16765849
CIE Lab	87.07, 7.87, 34.50
CIE LCh	87, 35.388, 77.143
Yxy	70.1518, 0.3896, 0.3888
Android (android.graphics.Color)	4294955929 (0xFFFFD399)
YUV	217.5440, -31.8202, 32.8489
Hunter-Lab	83.7547, 3.2204, 30.3316

Details

The HunterLab color $83.7547, 3.2204, 30.3316$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $73.4323, -4.1644, -31.2116$, and the grayscale version is $83.6557, -4.4637, 4.5452$.

A 20% lighter version of the original color is $98.6580, -12.7380, 24.7073$, and $60.7650, 3.6192, 25.4934$ is the 20% darker color. If you saturate the color by 10%, you get $80.0735, 6.4629, 34.4596$, and if you desaturate by 10%, it is $87.6013, 0.4358, 25.3007$.

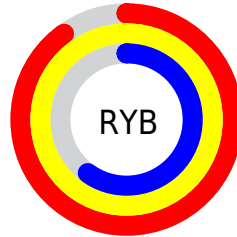
Distribution



Red (100%)

Green (83%)

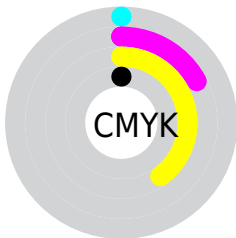
Blue (60%)



Red (90%)

Yellow (100%)

Blue (60%)

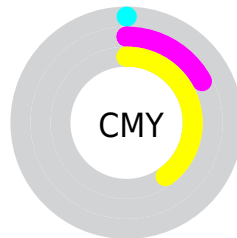


Cyan (0%)

Magenta (17%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.7547, 3.2204, 30.3316 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 83.7547, 3.2204, 30.3316 by changing the saturation by 10% instead.


 83.7547, 3.2204,
30.3316


 83.7547, 3.2204,
30.3316

214.7284, -1.0293,
50.4764

 71.8681, 3.4834,
27.8643

 109.2818, 2.5429,
35.0684

 60.6023, 3.6969,
25.3072

 122.8682, 2.1414,
37.3594

 49.9957, 3.8521,
22.6386


136.9751, 1.7004,
39.6111

 40.0922, 3.9422,
19.8277

151.5840, 1.2222,
41.8301

 30.9458, 3.9578,
16.8324

166.6783, 0.7085,
44.0219

 22.6253, 3.8861,
13.6073


182.2428, 0.1611,

 15.2226, 3.7078,

46.1912

10.6558


198.2637, -0.4186,
48.3416


 8.8478, 3.4777,
6.1934


0.0000, NaN, NaN


 83.7547, 3.2204,
30.3316


 83.7547, 3.2204,
30.3316


 80.0735, 6.4629,
34.4596


 87.6013, 0.4358,
25.3007

 76.5628, 10.1855,
37.6211

 91.5968, -1.9006,
19.4296

 73.2352, 14.3860,
39.7691

 95.7330, -3.8159,
12.7855

 70.1006, 19.0495,
40.8800

100.0000, -5.3358,
5.4332

■ 67.1669, 24.1369,
40.9733

■ 64.4325, 29.5493,
40.2202

■ 64.4322, 29.5498,
40.2202

Harmonies

Analogous

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



83.7567, 19.8964, 24.9495



83.7547, 3.2204, 30.3316



83.7567, -14.2491, 29.9247

Triad

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



83.7567, 3.2172, 30.3326



83.7567, -34.5140, -5.5317



83.7567, 21.8997, -20.5217

Complementary

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



83.7547, 3.2204, 30.3316



73.4323, -4.1644, -31.2116

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.



83.7567, 5.7720, -32.5534



83.7547, 3.2204, 30.3316



83.7567, -26.3409, -22.7442

Square

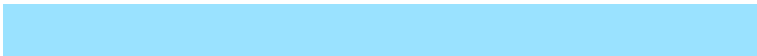
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.7567, 3.2172, 30.3326



83.7567, -35.0741, 11.4331



83.7567, -11.8964, -33.4420



83.7567, 31.2686, -2.9519

Rectangle

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



83.7547, 3.2204, 30.3316



83.7567, -24.0061, 26.4368



83.7567, -11.8964, -33.4420



83.7567, 17.0312, -25.4930

Sweetspot

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



83.7567, 3.2172, 30.3326



94.8946, -3.4651, 14.1736



69.3424, 40.1364, -1.8380



43.6507, -1.4932, 6.9694

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.7567, 3.2172, 30.3326



80.7964, 5.7762, 33.7099



96.8571, -21.5276, 40.8574



44.3867, -1.8044, 5.7544



46.8989, 20.6597, 29.2606



15.3583, 4.9299, 9.5500

Inverse Universe

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



73.4323, -4.1644, -31.2116



68.5833, -2.6632, -39.5739



61.2016, 20.9333, -53.5741



43.2045, -2.6976, -1.2141



31.4345, 15.8903, -73.5929



10.8358, 2.8103, -19.6104

Previews

White Background



This preview shows how the HunterLab color 83.7547, 3.2204, 30.3316 looks on a white background.

Color Contrast Check

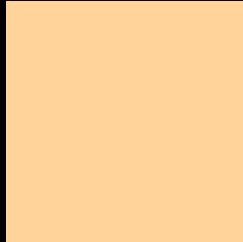
Large Text (above 18pt) WCAG AA × Fail

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 83.7547, 3.2204, 30.3316 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 83.7547, 3.2204, 30.3316 Background



This preview shows how black text looks on a background with the HunterLab color 83.7547, 3.2204, 30.3316.



This preview shows how white text looks on a background with the HunterLab color 83.7547, 3.2204,

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

83.7547, 3.2204, 30.3316

Protanopia

83.7886, -7.4469, 29.2435

Deuteranopia

83.6860, 4.9637, 26.7706



Tritanopia

83.6568, 15.1790, 4.8049

Trichromacy



Original Color

83.7547, 3.2204, 30.3316

Protanomaly

83.5731, -3.5036, 29.4361

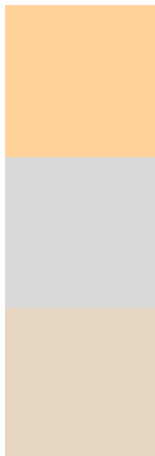
Deuteranomaly

83.6010, 4.5071, 28.0070

Tritanomaly

83.5348, 10.4234, 15.4307

Monochromacy



Original Color

83.7547, 3.2204, 30.3316

Achromatopsia

83.7318, -4.4677, 4.5493

Achromatomaly

83.3576, -2.4184, 15.0196

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.7547, 3.2204, 30.3316 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, 211, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 153)  
}
```

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, 211, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 83.7547, 3.2204, 30.3316 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, 211, 153) }
```


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

```
.border{ border-color:rgb(255, 211, 153) }
```

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

Here you see how a box with a 4 pixel rgb(255, 211, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.7547, 3.2204, 30.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 153) }
```

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

```
.background{ background-color: rgb(255,  
211, 153) }
```

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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