

Converting Colors

HunterLab(71.5361, 17.1907,
39.6946)

Have a look what the booklet for
HunterLab(71.5361, 17.1907,
39.6946) contains.

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Color

**HunterLab(71.5505, 17.1533,
39.7239)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAC45
RGB	255, 172, 69
RGB Percent	100%, 67%, 27%
CMY	0.0000, 0.3255, 0.7294
CMYK	0.00, 0.33, 0.73, 0.00
HSL	33°, 100%, 64%
HSV	33°, 73%, 100%
XYZ	57.0667, 51.1947, 12.5041
YIQ	185.0750, 82.5310, -14.4370

Conversions

Conversions Part 2

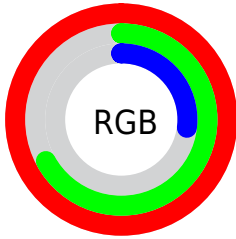
Format	Color
R _Y B	219, 255, 69
Decimal	16755781
CIE Lab	76.80, 21.82, 62.78
CIE LCh	77, 66.465, 70.834
Yxy	51.1973, 0.4725, 0.4239
Android (android.graphics.Color)	4294945861 (0xFFFFAC45)
YUV	185.0750, -57.2250, 61.3242
Hunter-Lab	71.5505, 17.1533, 39.7239

Details

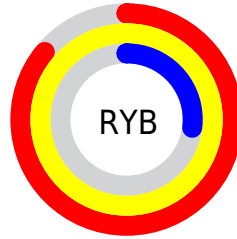
The HunterLab color **71.5505, 17.1533, 39.7239** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **55.6240, 4.4871, -66.4886**, and the grayscale version is **69.8940, -3.7294, 3.7975**.

A 20% lighter version of the original color is **88.1069, -7.7429, 41.5455**, and **49.7787, 15.9120, 30.8151** is the 20% darker color. If you saturate the color by 10%, you get **68.4092, 22.1387, 40.5180**, and if you desaturate by 10%, it is **74.9021, 12.6130, 37.8987**.

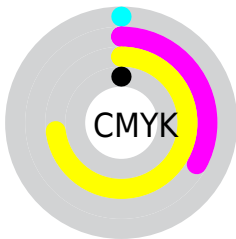
Distribution



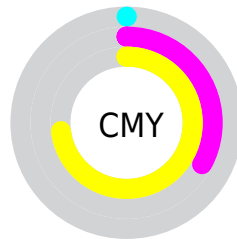
- Red (100%)
- Green (67%)
- Blue (27%)



- Red (86%)
- Yellow (100%)
- Blue (27%)



- Cyan (0%)
- Magenta (33%)
- Yellow (73%)
- Black (0%)




- Cyan (0%)
- Magenta (33%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.5505, 17.1533, 39.7239 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 71.5505, 17.1533, 39.7239 by changing the saturation by 10% instead.


 71.5505, 17.1533,
39.7239


 71.5505, 17.1533,
39.7239


197.8206, 18.0979,
72.8918


 60.3040, 16.7165,
35.3679

 95.8887, 17.7804,
47.8987


 49.7159, 16.1935,
30.7939


 108.9186, 17.9921,
51.7645


 39.8323, 15.5691,
25.9753


 122.4905, 18.1420,
55.5091

 30.7075, 14.8287,
21.4055

 136.5834, 18.2344,
59.1485

 22.4106, 13.9543,
15.6874

 151.1789, 18.2731,
62.6960

 15.0346, 12.9253,
10.5242

166.2602, 18.2614,

 8.6754, 11.9136,

66.1629

6.0728

181.8120, 18.2022,
69.5588

0.0000, INF, NaN

0.0000, NaN, NaN

■ 71.5505, 17.1533,
39.7239

■ 71.5505, 17.1533,
39.7239

■ 68.4092, 22.1387,
40.5180

■ 74.9021, 12.6130,
37.8987

■ 65.4812, 27.5294,
40.3129

■ 78.4476, 8.5523,
35.0581


■ 63.5404, 31.5042,
39.7048


■ 82.1770, 4.9707,
31.2497

■ 86.0781, 1.8585,
26.5345

■ 90.1390, -0.8028,

20.9801

 94.3487, -3.0366,
14.6549

 98.6966, -4.8693,
7.6248

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.



71.5523, 47.9621, 32.2371



71.5505, 17.1533, 39.7239



71.5523, -14.8447, 40.5035

Triad

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



71.5523, 17.1494, 39.7246



71.5523, -54.0856, -7.7924



71.5523, 40.2021, -54.7842

Complementary

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



71.5505, 17.1533, 39.7239



55.6240, 4.4871, -66.4886

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.



71.5523, 7.9119, -78.8519



71.5505, 17.1533, 39.7239



71.5523, -44.0928, -44.8960

Square

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



71.5523, 17.1494, 39.7246



71.5523, -52.4801, 20.3338



71.5523, -22.6251, -74.6077



71.5523, 62.7802, -17.6994

Rectangle

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



71.5505, 17.1533, 39.7239



71.5523, -32.2721, 37.7894



71.5523, -22.6251, -74.6077



71.5523, 29.9121, -65.2628

Sweetspot

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



71.5523, 17.1494, 39.7246



90.5288, -1.0305, 20.4176



52.7319, 73.9018, 0.0471



41.3645, -0.1680, 10.1886

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.5523, 17.1494, 39.7246



66.9006, 24.8211, 40.5339



95.6492, -27.9167, 54.9595



44.3342, -1.7164, 5.6980



46.2591, 22.0503, 28.8907



15.1713, 5.3134, 9.4415

Inverse Universe

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



55.6240, 4.4871, -66.4886



48.6465, 12.7772, -85.1079



36.2065, 51.7304, -131.7078



43.2575, -2.7851, -1.1489



32.1290, 14.3686, -71.1761



11.0414, 2.4087, -19.0005

Previews

White Background



This preview shows how the HunterLab color 71.5505, 17.1533, 39.7239 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 71.5505, 17.1533, 39.7239 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 71.5505, 17.1533, 39.7239 Background



This preview shows how black text looks on a background with the HunterLab color 71.5505, 17.1533, 39.7239.



This preview shows how white text looks on a background with the HunterLab color 71.5505, 17.1533,

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

71.5505, 17.1533, 39.7239

Protanopia

71.6368, -8.7491, 38.6272

Deuteranopia

71.4426, 5.4719, 39.8409



Tritanopia

71.5999, 30.3470, 11.0662

Trichromacy



Original Color

71.5505, 17.1533, 39.7239

Protanomaly

71.2943, 0.6657, 38.8443

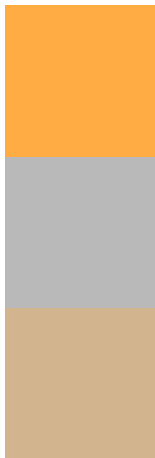
Deuteranomaly

71.4721, 9.8962, 39.8089

Tritanomaly

71.4443, 24.0965, 25.1155

Monochromacy



Original Color

71.5505, 17.1533, 39.7239

Achromatopsia

69.6527, -3.7165, 3.7844

Achromatomaly

69.5179, 1.2268, 20.6947

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.5505, 17.1533, 39.7239 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, 172, 69)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 69)  
}
```

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, 172, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 71.5505, 17.1533, 39.7239 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, 172, 69) }
```


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

```
.border{ border-color:rgb(255, 172, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 69);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
69) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.5505, 17.1533, 39.7239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 69) }
```

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

```
.background{ background-color: rgb(255,  
172, 69) }
```

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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