

Converting Colors

HunterLab(71.3613, 17.6760,
39.2727)

Have a look what the booklet for
HunterLab(71.3613, 17.6760,
39.2727) contains.

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Color

**HunterLab(71.3027, 17.7651,
39.2905)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAB47
RGB	255, 171, 71
RGB Percent	100%, 67%, 28%
CMY	0.0000, 0.3294, 0.7216
CMYK	0.00, 0.33, 0.72, 0.00
HSL	33°, 100%, 64%
HSV	33°, 72%, 100%
XYZ	56.9402, 50.8408, 12.7734
YIQ	184.7160, 82.1640, -13.2920

Conversions

Conversions Part 2

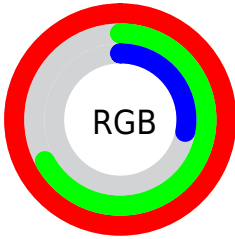
Format	Color
R_{YB}	226, 255, 71
Decimal	16755527
CIE Lab	76.58, 22.43, 61.72
CIE LCh	77, 65.669, 70.025
Yxy	50.8433, 0.4723, 0.4217
Android (android.graphics.Color)	4294945607 (0xFFFFAB47)
YUV	184.7160, -56.0620, 61.6391
Hunter-Lab	71.3027, 17.7651, 39.2905

Details

The HunterLab color **71.3027, 17.7651, 39.2905** 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 **56.5691, 3.1426, -64.2448**, and the grayscale version is **69.7385, -3.7211, 3.7890**.

A 20% lighter version of the original color is **87.8111, -7.1586, 41.1083**, and **49.5488, 16.4599, 30.5106** is the 20% darker color. If you saturate the color by 10%, you get **68.0998, 22.8510, 40.1569**, and if you desaturate by 10%, it is **74.7231, 13.1254, 37.3965**.

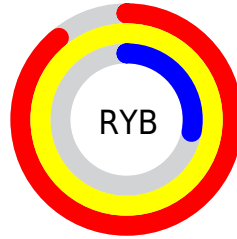
Distribution



Red (100%)

Green (67%)

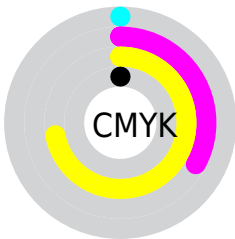
Blue (28%)



Red (89%)

Yellow (100%)

Blue (28%)

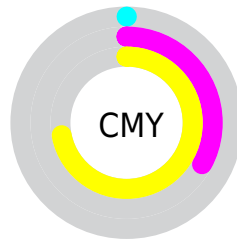


Cyan (0%)

Magenta (33%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.3027, 17.7651, 39.2905 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 71.3027, 17.7651, 39.2905 by changing the saturation by 10% instead.


 71.3027, 17.7651,
39.2905


 71.3027, 17.7651,
39.2905

197.4727, 18.9270,
71.9902


 60.0699, 17.2995,
34.9973


 95.6155, 18.4463,
47.3466


 49.4965, 16.7464,
30.4876


 108.6335, 18.6837,
51.1565


 39.6285, 16.0904,
25.7339


 122.1940, 18.8582,
54.8475

 30.5206, 15.3169,
21.1801

 136.2760, 18.9745,
58.4354

 22.2425, 14.4080,
15.5697

 150.8609, 19.0364,
61.9332

 14.8874, 13.3439,
10.4212

165.9319, 19.0473,

 8.5375, 12.3785,

65.3522

5.9763

181.4738, 19.0099,
68.7018

0.0000, INF, NaN

0.0000, NaN, NaN

■ 71.3027, 17.7651,
39.2905

■ 71.3027, 17.7651,
39.2905

■ 68.0998, 22.8510,
40.1569

■ 74.7231, 13.1254,
37.3965

■ 65.1187, 28.3437,
40.0193

■ 78.3434, 8.9661,
34.4967


■ 62.9349, 32.8507,
39.3553


■ 82.1525, 5.2858,
30.6431

■ 86.1374, 2.0740,
25.9001

■ 90.2855, -0.6887,

20.3369

 94.5851, -3.0267,
14.0232

 99.0251, -4.9669,
7.0252

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.



71.3045, 47.9287, 31.6037



71.3027, 17.7651, 39.2905



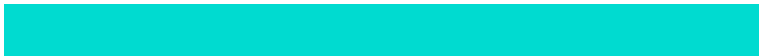
71.3045, -13.9096, 40.2221

Triad

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



71.3045, 17.7612, 39.2912



71.3045, -53.6028, -6.7334



71.3045, 38.8076, -54.7666

Complementary

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



71.3027, 17.7651, 39.2905



56.5691, 3.1426, -64.2448

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.



71.3045, 6.8883, -77.7860



71.3027, 17.7651, 39.2905



71.3045, -44.0200, -43.1742

Square

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



71.3045, 17.7612, 39.2912



71.3045, -51.7038, 20.6889



71.3045, -23.0844, -72.8168



71.3045, 61.4481, -18.3811

Rectangle

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



71.3027, 17.7651, 39.2905



71.3045, -31.2985, 37.6290



71.3045, -23.0844, -72.8168



71.3045, 28.6028, -64.9060

Sweetspot

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



71.3045, 17.7612, 39.2912



90.3516, -0.7283, 20.2443



53.1004, 73.6989, -1.5401



41.2729, -0.0111, 10.1010

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.3045, 17.7612, 39.2912



66.6275, 25.4663, 40.2112



95.9633, -26.7249, 54.9809



44.2980, -1.6557, 5.6591



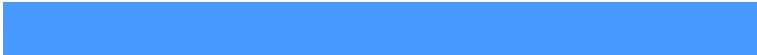
45.8243, 23.0087, 28.6396



15.0437, 5.5783, 9.3675

Inverse Universe

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



56.5691, 3.1426, -64.2448



49.7120, 10.9058, -82.0125



36.4832, 50.5197, -130.3837



43.2941, -2.8456, -1.1039



32.6163, 13.3244, -69.5311



11.1849, 2.1333, -18.5852

Previews

White Background



This preview shows how the HunterLab color 71.3027, 17.7651, 39.2905 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 71.3027, 17.7651, 39.2905 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 71.3027, 17.7651, 39.2905 Background



This preview shows how black text looks on a background with the HunterLab color 71.3027, 17.7651, 39.2905.



This preview shows how white text looks on a background with the HunterLab color 71.3027, 17.7651,

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

71.3027, 17.7651, 39.2905

Protanopia

71.5525, -9.0102, 38.2669

Deuteranopia

71.3391, 5.1591, 39.5040



Tritanopia

71.3210, 30.7488, 11.1966

Trichromacy



Original Color

71.3027, 17.7651, 39.2905

Protanomaly

71.1985, 0.3755, 38.4838

Deuteranomaly

71.3643, 9.5759, 39.4644

Tritanomaly

71.2064, 24.7288, 24.6038

Monochromacy



Original Color

71.3027, 17.7651, 39.2905

Achromatopsia

69.6527, -3.7165, 3.7844

Achromatomaly

69.5398, 1.3452, 20.3771

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.3027, 17.7651, 39.2905 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, 171, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 71)  
}
```

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, 171, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 71.3027, 17.7651, 39.2905 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, 171, 71) }
```


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

```
.border{ border-color:rgb(255, 171, 71) }
```

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

Here you see how a box with a 4 pixel rgb(255, 171, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.3027, 17.7651, 39.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 71) }
```

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

```
.background{ background-color: rgb(255,  
171, 71) }
```

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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