

Converting Colors

HunterLab(70.4176, 22.0730,
33.1935)

Have a look what the booklet for
HunterLab(70.4176, 22.0730,
33.1935) contains.

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Color

**HunterLab(70.3504, 22.2094,
33.1443)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA666
RGB	255, 166, 102
RGB Percent	100%, 65%, 40%
CMY	0.0000, 0.3490, 0.6000
CMYK	0.00, 0.35, 0.60, 0.00
HSL	25°, 100%, 70%
HSV	25°, 60%, 100%
XYZ	57.2745, 49.4918, 19.1046
YIQ	185.3150, 73.5880, -1.0360

Conversions

Conversions Part 2

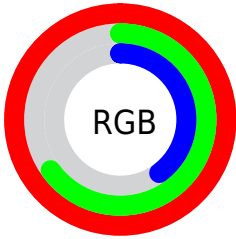
Format	Color
R_{YB}	255, 212, 102
Decimal	16754278
CIE Lab	75.76, 26.82, 46.23
CIE LCh	76, 53.449, 59.885
Yxy	49.4943, 0.4550, 0.3932
Android (android.graphics.Color)	4294944358 (0xFFFFA666)
YUV	185.3150, -41.0743, 61.1137
Hunter-Lab	70.3504, 22.2094, 33.1443

Details

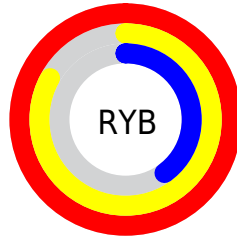
The HunterLab color **70.3504, 22.2094, 33.1443** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **68.7779, -10.9451, -39.3672**, and the grayscale version is **69.9318, -3.7314, 3.7995**.

A 20% lighter version of the original color is **86.7790, -1.8517, 32.5528**, and **48.7359, 20.5073, 26.4375** is the 20% darker color. If you saturate the color by 10%, you get **66.3161, 28.3718, 35.1652**, and if you desaturate by 10%, it is **74.6912, 16.4915, 30.2381**.

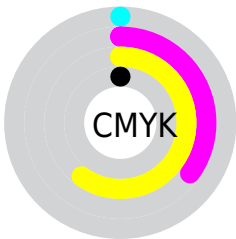
Distribution



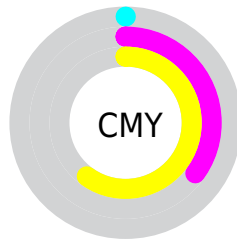
- Red (100%)
- Green (65%)
- Blue (40%)



- Red (100%)
- Yellow (83%)
- Blue (40%)



- Cyan (0%)
- Magenta (35%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.3504, 22.2094, 33.1443 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 70.3504, 22.2094, 33.1443 by changing the saturation by 10% instead.


 70.3504, 22.2094,
33.1443


 70.3504, 22.2094,
33.1443


196.1339, 24.8791,
58.8568


 59.1707, 21.5464,
29.8272


 94.5649, 23.2640,
39.3913


 48.6538, 20.7880,
26.3415

 107.5371, 23.6784,
42.3619

 38.8464, 19.9182,
22.6504


 121.0536, 24.0243,
45.2522

 29.8042, 18.9231,
18.7098

 135.0932, 24.3067,
48.0744

 21.5983, 17.7871,
15.1188

149.6372, 24.5299,
50.8383

 14.3248, 16.4999,
10.0274

164.6686, 24.6976,

 7.9839, 15.8483,

53.5523

5.5887

180.1722, 24.8131,
56.2232

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.3504, 22.2094,
33.1443

■ 70.3504, 22.2094,
33.1443

■ 66.3161, 28.3718,
35.1652

■ 74.6912, 16.4915,
30.2381

■ 62.6130, 34.9361,
36.2275

■ 79.3043, 11.2475,
26.5320

■ 59.2717, 41.7936,
36.3060

■ 84.1647, 6.4674,
22.1174

■ 56.3101, 48.7457,
35.5513

■ 89.2480, 2.1302,
17.0798

■ 56.3099, 48.7463,

■ 94.5328, -1.7933,

35.5513

11.4958

99.9999, -5.3359,
5.4331

Harmonies

Analogous

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



70.3522, 43.3067, 23.1212



70.3504, 22.2094, 33.1443



70.3522, -3.6602, 36.0614

Triad

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



70.3522, 22.2056, 33.1452



70.3522, -45.9033, 3.9220



70.3522, 22.0133, -48.9152

Complementary

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



70.3504, 22.2094, 33.1443



68.7779, -10.9451, -39.3672

Split Complementary

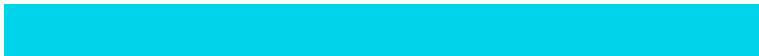
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.3522, -3.8549, -59.5068



70.3504, 22.2094, 33.1443



70.3522, -40.9897, -23.1843

Square

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



70.3522, 22.2056, 33.1452



70.3522, -40.9138, 23.2320



70.3522, -26.4281, -48.7604



70.3522, 43.1852, -23.4035

Rectangle

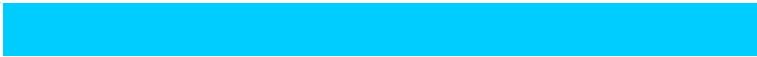
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.3504, 22.2094, 33.1443



70.3522, -19.4717, 34.8211



70.3522, -26.4281, -48.7604



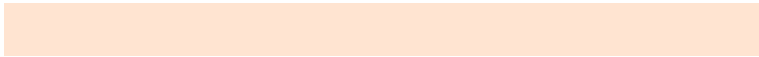
70.3522, 13.4696, -54.6683

Sweetspot

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



70.3522, 22.2056, 33.1452



90.2892, 1.3138, 16.0049



58.7671, 65.5002, -12.5161



41.0721, 1.1602, 8.1252

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.3522, 22.2056, 33.1452



65.5477, 29.6560, 35.4562



92.6673, -16.8042, 48.7639



43.8585, -0.9148, 5.1847



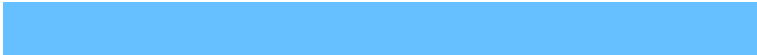
41.0454, 34.3606, 25.8935



13.6030, 8.7708, 8.5356

Inverse Universe

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



68.7779, -10.9451, -39.3672



63.6335, -8.5881, -49.0896



47.1697, 29.5871, -89.3330



43.7415, -3.5798, -0.5574



38.9800, 1.1262, -51.1527



13.0211, -1.0946, -13.9123

Previews

White Background



This preview shows how the HunterLab color 70.3504, 22.2094, 33.1443 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 70.3504, 22.2094, 33.1443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

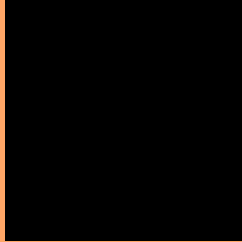
Any Text WCAG AA ✓ Pass

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 70.3504, 22.2094, 33.1443 Background



This preview shows how black text looks on a background with the HunterLab color 70.3504, 22.2094, 33.1443.



This preview shows how white text looks on a background with the HunterLab color 70.3504, 22.2094,

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

70.3504, 22.2094, 33.1443

Protanopia

70.4596, -7.3734, 30.8745

Deuteranopia

70.2849, 5.2180, 33.4428



Tritanopia

70.2438, 32.4939, 11.3327

Trichromacy



Original Color

70.3504, 22.2094, 33.1443

Protanomaly

69.9927, 2.9997, 31.3987

Deuteranomaly

70.2633, 10.9109, 33.3133

Tritanomaly

70.1256, 28.3482, 20.7152

Monochromacy



Original Color

70.3504, 22.2094, 33.1443

Achromatopsia

69.6527, -3.7165, 3.7844

Achromatomaly

69.2163, 3.7279, 16.1529

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.3504, 22.2094, 33.1443 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, 166, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 102)  
}
```

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, 166, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 70.3504, 22.2094, 33.1443 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, 166, 102) }
```


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

```
.border{ border-color:rgb(255, 166, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.3504, 22.2094, 33.1443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 102) }
```

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

```
.background{ background-color: rgb(255,  
166, 102) }
```

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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