

Converting Colors

HunterLab(60.9227, 0.0532,
35.2141)

Have a look what the booklet for
HunterLab(60.9227, 0.0532,
35.2141) contains.

HunterLab(60.9264, 0.0397, 35.2244)	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(60.9264, 0.0397,
35.2244)**

Conversions

Conversions Part 1

Format	Color
Hex	C79F2C
RGB	199, 159, 44
RGB Percent	78%, 62%, 17%
CMY	0.2196, 0.3764, 0.8274
CMYK	0.00, 0.20, 0.78, 0.22
HSL	45°, 64%, 48%
HSV	45°, 78%, 78%
XYZ	36.4060, 37.1203, 7.6290
YIQ	157.8500, 60.7550, -27.2850

Conversions

Conversions Part 2

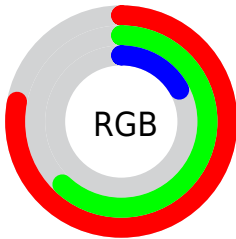
Format	Color
R_{YB}	98, 199, 44
Decimal	13082412
CIE _{Lab}	67.37, 3.77, 61.28
CIE _{LCh}	67, 61.401, 86.476
Yxy	37.1221, 0.4486, 0.4574
Android (android.graphics.Color)	4291272492 (0xFFC79F2C)
YUV	157.8500, -56.1280, 36.0886
Hunter-Lab	60.9264, 0.0397, 35.2244

Details

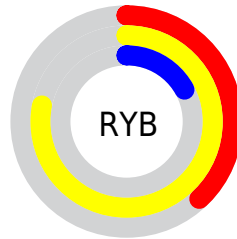
The HunterLab color **60.9264, 0.0397, 35.2244** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **33.1653, 20.0972, -75.8062**, and the grayscale version is **58.6177, -3.1277, 3.1848**.

A 20% lighter version of the original color is **83.5161, -2.3411, 43.0410**, and **40.4819, 1.2371, 24.9664** is the 20% darker color. If you saturate the color by 10%, you get **59.3944, 2.0076, 35.7654**, and if you desaturate by 10%, it is **62.5398, -1.6242, 33.9234**.

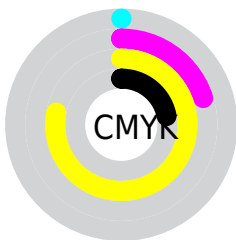
Distribution



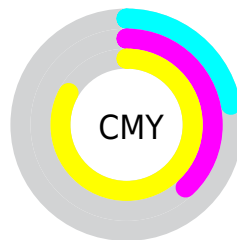
- Red (78%)
- Green (62%)
- Blue (17%)



- Red (38%)
- Yellow (78%)
- Blue (17%)



- Cyan (0%)
- Magenta (20%)
- Yellow (78%)
- Black (22%)



- Cyan (22%)
- Magenta (38%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.9264, 0.0397, 35.2244 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 60.9264, 0.0397, 35.2244 by changing the saturation by 10% instead.

60.9264, 0.0397,
35.2244

60.9264, 0.0397,
35.2244

182.7125, -5.0385,
68.6379

50.3011, 0.4053,
30.7617

84.1193, -0.8356,
43.5440

40.3760, 0.7223,
26.0568

96.6166, -1.3331,
47.4551

31.2062, 0.9820,
21.4267

109.6780, -1.8680,
51.2312

22.8599, 1.1758,
16.0020

123.2801, -2.4381,
54.8908

15.4283, 1.2910,
10.7998

137.4022, -3.0417,
58.4493

9.0318, 1.3435,
6.3223

152.0258, -3.6772,

0.0000, NaN, NaN

61.9196

0.0000, NaN, NaN

167.1343, -4.3432,
65.3127

0.0000, NaN, NaN

■ 60.9264, 0.0397,
35.2244

■ 60.9264, 0.0397,
35.2244

■ 59.3944, 2.0076,
35.7654

■ 62.5398, -1.6242,
33.9234

■ 57.9333, 4.2434,
35.6489

■ 64.2320, -2.9560,
31.8226

■ 57.6303, 4.7296,
35.5943

■ 66.0048, -3.9482,
28.9090

■ 67.8574, -4.5976,
25.1862

■ 69.7887, -4.9066,
20.6699

■ 71.7966, -4.8812,
15.3840

■ 73.8790, -4.5307,
9.3584

■ 76.0336, -3.8665,
2.6267

■ 78.2578, -2.9013,
-4.7755

Harmonies

Analogous

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



60.9279, 28.8584, 32.1495



60.9264, 0.0397, 35.2244



60.9279, -25.1235, 33.3823

Triad

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



60.9279, 0.0370, 35.2249



60.9279, -43.8000, -23.7069



60.9279, 47.5101, -31.6058

Complementary

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



60.9264, 0.0397, 35.2244



33.1653, 20.0972, -75.8062

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.



60.9279, 22.2142, -61.2535



60.9264, 0.0397, 35.2244



60.9279, -29.8437, -55.4448

Square

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



60.9279, 0.0370, 35.2249



60.9279, -47.6347, 6.3340



60.9279, -6.4770, -71.4927



60.9279, 59.1655, 0.1363

Rectangle

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



60.9264, 0.0397, 35.2244



60.9279, -37.1113, 28.8185



60.9279, -6.4770, -71.4927



60.9279, 40.1230, -42.6083

Sweetspot

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



60.9279, 0.0370, 35.2249



93.5430, -6.5314, 24.2926



38.2164, 55.0608, 11.0703



42.8306, -3.0105, 12.3864

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



60.9279, 0.0370, 35.2249



77.3312, 4.5435, 47.2968



69.8552, -30.3885, 40.4896



34.5482, -2.1619, 4.8394



46.3725, 3.5068, 28.6359



10.6315, -0.1797, 6.5480

Inverse Universe

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



33.1653, 20.0972, -75.8062



35.9795, 41.6949, -133.0020



27.6370, 45.4948, -98.0903



32.7491, -1.3041, -1.4188



20.7734, 27.7544, -85.8787



5.7054, 2.9634, -13.5285

Previews

White Background



This preview shows how the HunterLab color 60.9264, 0.0397, 35.2244 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 60.9264, 0.0397, 35.2244 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 60.9264, 0.0397, 35.2244 Background



This preview shows how black text looks on a background with the HunterLab color 60.9264, 0.0397, 35.2244.



This preview shows how white text looks on a background with the HunterLab color 60.9264, 0.0397,

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

60.9264, 0.0397, 35.2244

Protanopia

61.0656, -8.3686, 35.0714

Deuteranopia

60.9001, 4.2639, 35.1840



Tritanopia

60.8139, 18.8119, 5.3782

Trichromacy



Original Color

60.9264, 0.0397, 35.2244

Protanomaly

60.9940, -5.6075, 35.0728

Deuteranomaly

60.8276, 2.5965, 35.1072

Tritanomaly

60.4995, 10.3735, 20.6642

Monochromacy



Original Color

60.9264, 0.0397, 35.2244

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

58.8407, -3.8591, 19.2317

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.9264, 0.0397, 35.2244 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(199, 159, 44)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 44)  
}
```

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(199, 159, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 60.9264, 0.0397, 35.2244 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(199, 159, 44) }
```


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

```
.border{ border-color:rgb(199, 159, 44) }
```

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

Here you see how a box with a 4 pixel rgb(199, 159, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 159, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 159, 44);  
box-shadow:4px 4px 4px 4px rgb(199, 159,  
44) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.9264, 0.0397, 35.2244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 44) }
```

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

```
.background{ background-color: rgb(199,  
159, 44) }
```

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