

Converting Colors

HunterLab(33.3297, 39.6166,
15.5237)

Have a look what the booklet for
HunterLab(33.3297, 39.6166,
15.5237) contains.

HunterLab(33.4090, 39.7426, 15.5167)	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(33.4090, 39.7426,
15.5167)**

Conversions

Conversions Part 1

Format	Color
Hex	AA3334
RGB	170, 51, 52
RGB Percent	67%, 20%, 20%
CMY	0.3333, 0.8000, 0.7961
CMYK	0.00, 0.70, 0.69, 0.33
HSL	359°, 54%, 43%
HSV	359°, 70%, 67%
XYZ	18.3812, 11.1616, 4.4344
YIQ	86.6950, 70.6030, 25.5390

Conversions

Conversions Part 2

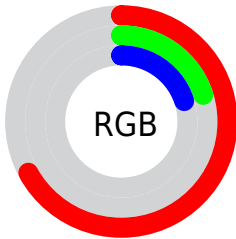
Format	Color
R_{YB}	170, 51, 52
Decimal	11154228
CIE _{Lab}	39.85, 48.40, 27.49
CIE _{LCh}	40, 55.662, 29.590
Yxy	11.1623, 0.5410, 0.3285
Android (android.graphics.Color)	4289344308 (0xFFAA3334)
YUV	86.6950, -17.1046, 73.0585
Hunter-Lab	33.4090, 39.7426, 15.5167

Details

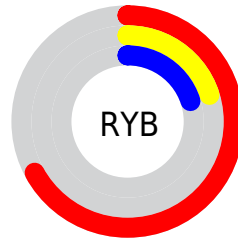
The HunterLab color **33.4090, 39.7426, 15.5167** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **56.8490, -27.5747, -4.6041**, and the grayscale version is **30.8039, -1.6436, 1.6736**.

A 20% lighter version of the original color is **52.9083, 43.2336, 20.1306**, and **18.4311, 31.6589, 11.1724** is the 20% darker color. If you saturate the color by 10%, you get **31.3252, 44.6455, 17.0534**, and if you desaturate by 10%, it is **36.2065, 33.8339, 13.7205**.

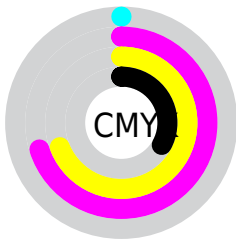
Distribution



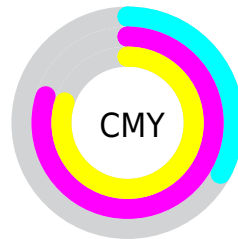
- Red (67%)
- Green (20%)
- Blue (20%)



- Red (67%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (70%)
- Yellow (69%)
- Black (33%)



- Cyan (33%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4090, 39.7426, 15.5167 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 33.4090, 39.7426, 15.5167 by changing the saturation by 10% instead.

■ 33.4090, 39.7426,
15.5167

■ 33.4090, 39.7426,
15.5167

140.9884, 52.0817,
34.3760

■ 24.8517, 37.8563,
12.9428

■ 52.8771, 43.2085,
20.1945

■ 17.1827, 35.9499,
10.4013

■ 63.6710, 44.7735,
22.3747

■ 10.5212, 34.2650,
7.3648

■ 75.1134, 46.2291,
24.4822

0.0000, INF, NaN

0.0000, INF, NaN

■ 87.1694, 47.5812,
26.5331

0.0000, NaN, NaN

■ 99.8092, 48.8365,
28.5397

0.0000, NaN, NaN

■ 113.0070, 50.0012,

0.0000, NaN, NaN

30.5111

0.0000, NaN, NaN

126.7401, 51.0811,
32.4546

■ 33.4090, 39.7426,
15.5167

■ 33.4090, 39.7426,
15.5167

■ 31.3252, 44.6455,
17.0534

■ 36.2065, 33.8339,
13.7205

■ 29.9862, 48.0630,
18.1631

■ 39.6378, 27.4313,
11.8251

■ 29.2392, 50.0821,
18.8108

■ 43.6131, 20.9078,
9.9475

■ 29.2388, 50.0830,
18.8111

■ 48.0456, 14.4888,
8.1532

■ 52.8605, 8.2830,
6.4699

■ 57.9964, 2.3261,
4.9025

■ 63.4041, -3.3856,
3.4441

■ 69.0448, -8.8741,
2.0830

■ 74.8877, -14.1678,
0.8065

Harmonies

Analogous

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



33.4100, 47.3222, 1.5501



33.4090, 39.7426, 15.5167



33.4100, 20.5370, 20.6667

Triad

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



33.4100, 39.7394, 15.5173



33.4100, -29.3807, 15.7514



33.4100, -2.0651, -61.3646

Complementary

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



33.4090, 39.7426, 15.5167



56.8490, -27.5747, -4.6041

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.



33.4100, -19.4476, -49.1891



33.4090, 39.7426, 15.5167



33.4100, -32.7110, 2.0849

Square

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



33.4100, 39.7394, 15.5173



33.4100, -19.0669, 20.7334



33.4100, -29.5605, -22.4230



33.4100, 19.9311, -49.7911

Rectangle

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



33.4090, 39.7426, 15.5167



33.4100, 5.6204, 21.6543



33.4100, -29.5605, -22.4230



33.4100, -8.5958, -59.8433

Sweetspot

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



33.4100, 39.7394, 15.5173



70.2770, 12.2958, 9.0197



36.8744, 54.5123, -37.4718



32.3542, 6.8530, 4.5413



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



33.4100, 39.7394, 15.5173



41.0746, 62.9623, 23.8798



44.2948, 13.5288, 23.3376



27.4650, 0.8981, 2.2557



25.0784, 42.9584, 16.1215



3.9157, 6.7153, 2.4564

Inverse Universe

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



33.4100, 39.7394, 15.5173



41.0746, 62.9623, 23.8798



39.1182, -2.4320, -33.5786



27.4650, 0.8981, 2.2557



25.0784, 42.9584, 16.1215



3.9157, 6.7153, 2.4564

Previews

White Background



This preview shows how the HunterLab color 33.4090, 39.7426, 15.5167 looks on a white 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 × Fail

Black Background



This preview shows how the HunterLab color 33.4090, 39.7426, 15.5167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 33.4090, 39.7426, 15.5167 Background



This preview shows how black text looks on a background with the HunterLab color 33.4090, 39.7426, 15.5167.

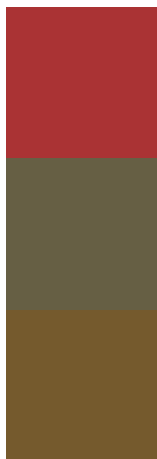


This preview shows how white text looks on a background with the HunterLab color 33.4090, 39.7426,

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

33.4090, 39.7426, 15.5167

Protanopia

33.8032, -3.1019, 11.1828

Deuteranopia

33.5912, 2.1441, 16.3543



Tritanopia

33.4227, 39.8003, 15.3167

Trichromacy



Original Color

33.4090, 39.7426, 15.5167

Protanomaly

32.3292, 11.9869, 11.7729

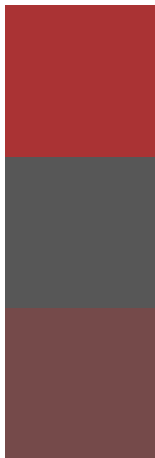
Deuteranomaly

32.5830, 15.6840, 15.2637

Tritanomaly

33.4227, 39.8003, 15.3167

Monochromacy



Original Color

33.4090, 39.7426, 15.5167

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

30.2884, 11.9454, 6.1908

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4090, 39.7426, 15.5167 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(170, 51, 52)` looks like.

```
.text, #text, p{  
  color:rgb(170, 51, 52)  
}
```

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(170, 51, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 51, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4090, 39.7426, 15.5167 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(170, 51, 52) }
```


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

```
.border{ border-color:rgb(170, 51, 52) }
```

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

Here you see how a box with a 4 pixel rgb(170, 51, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 51, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 51, 52);  
box-shadow:4px 4px 4px 4px rgb(170, 51,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4090, 39.7426, 15.5167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 51, 52) }
```

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

```
.background{ background-color: rgb(170, 51,  
52) }
```

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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