

Converting Colors

HunterLab(27.9792, 39.4505,
15.2425)

Have a look what the booklet for
HunterLab(27.9792, 39.4505,
15.2425) contains.

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Color

**HunterLab(28.0200, 39.3497,
15.2117)**

Conversions

Conversions Part 1

Format	Color
Hex	991F1F
RGB	153, 31, 31
RGB Percent	60%, 12%, 12%
CMY	0.4000, 0.8784, 0.8784
CMYK	0.00, 0.80, 0.80, 0.40
HSL	0°, 66%, 36%
HSV	0°, 80%, 60%
XYZ	13.8742, 7.8512, 2.0805
YIQ	67.4780, 72.7120, 25.8640

Conversions

Conversions Part 2

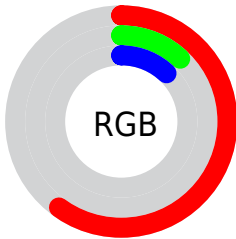
Format	Color
R_{YB}	153, 31, 31
Decimal	10034975
CIE Lab	33.67, 49.16, 32.17
CIE LCh	34, 58.753, 33.201
Yxy	7.8517, 0.5828, 0.3298
Android (android.graphics.Color)	4288225055 (0xFF991F1F)
YUV	67.4780, -17.9837, 75.0028
Hunter-Lab	28.0200, 39.3497, 15.2117

Details

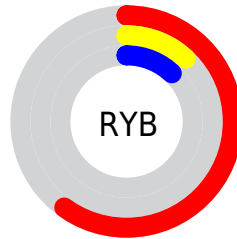
The HunterLab color **28.0200, 39.3497, 15.2117** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **50.3689, -25.4040, -4.8821**, and the grayscale version is **23.9042, -1.2755, 1.2988**.

A 20% lighter version of the original color is **46.5127, 43.1128, 20.6999**, and **15.4262, 26.4179, 9.9681** is the 20% darker color. If you saturate the color by 10%, you get **26.7785, 42.5202, 16.1856**, and if you desaturate by 10%, it is **29.9167, 34.9065, 13.8613**.

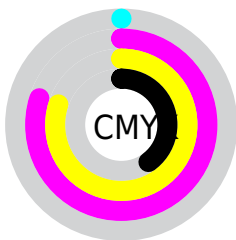
Distribution



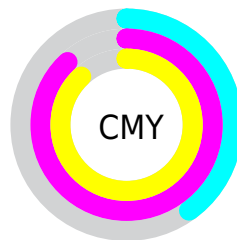
- Red (60%)
- Green (12%)
- Blue (12%)



- Red (60%)
- Yellow (12%)
- Blue (12%)



- Cyan (0%)
- Magenta (80%)
- Yellow (80%)
- Black (40%)



- Cyan (40%)
- Magenta (88%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0200, 39.3497, 15.2117 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 28.0200, 39.3497, 15.2117 by changing the saturation by 10% instead.

■ 28.0200, 39.3497,
15.2117

■ 28.0200, 39.3497,
15.2117

■ 132.1227, 52.4638,
37.0132

■ 20.0005, 37.4188,
12.2093

■ 46.5480, 42.9941,
20.7887

■ 12.9370, 35.5955,
9.0559

■ 56.9210, 44.6552,
23.3422

■ 6.3759, 40.0113,
4.4631

■ 67.9671, 46.2043,
25.7863

0.0000, INF, NaN

0.0000, NaN, NaN

■ 79.6477, 47.6460,
28.1446

0.0000, NaN, NaN

■ 91.9300, 48.9866,
30.4344


0.0000, NaN, NaN


■ 104.7857, 50.2325,


0.0000, NaN, NaN


32.6693


0.0000, NaN, NaN


 118.1905, 51.3897,
34.8595


 28.0200, 39.3497,
15.2117


 28.0200, 39.3497,
15.2117


 26.7785, 42.5202,
16.1856


 29.9167, 34.9065,
13.8613


 26.0424, 44.5134,
16.8003

 32.4321, 29.6355,
12.2765

 26.0241, 44.5644,
16.8161

 35.4983, 23.9649,
10.5974

 39.0363, 18.2116,
8.9245

 42.9710, 12.5631,
7.3152

■ 47.2379, 7.1084,
5.7947

■ 51.7843, 1.8757,
4.3688

■ 56.5676, -3.1401,
3.0326

■ 61.5544, -7.9588,
1.7771

Harmonies

Analogous

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



28.0209, 49.2634, 3.5254



28.0200, 39.3497, 15.2117



28.0209, 18.4220, 18.7843

Triad

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



28.0209, 39.3466, 15.2122



28.0209, -28.5720, 13.6542



28.0209, 0.7223, -66.9216

Complementary

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



28.0200, 39.3497, 15.2117



50.3689, -25.4040, -4.8821

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.



28.0209, -17.0490, -56.2088



28.0200, 39.3497, 15.2117



28.0209, -30.8441, -0.6342

Square

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



28.0209, 39.3466, 15.2122



28.0209, -19.8682, 18.2990



28.0209, -27.3007, -27.4782



28.0209, 23.3154, -50.9319

Rectangle

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



28.0200, 39.3497, 15.2117



28.0209, 3.2889, 19.6146



28.0209, -27.3007, -27.4782



28.0209, -5.9811, -66.3444

Sweetspot

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



28.0209, 39.3466, 15.2122



60.4611, 12.9338, 8.7027



31.7051, 53.6059, -35.8822



27.5413, 7.2060, 4.4049



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



28.0209, 39.3466, 15.2122



35.0983, 58.8895, 22.2724



38.1123, 13.9128, 21.7115



24.9455, 0.7735, 2.0609



23.6589, 40.5139, 15.2878



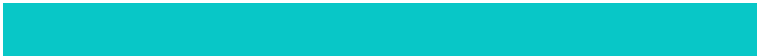
2.8931, 4.9525, 1.8694

Inverse Universe

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



50.3689, -25.4040, -4.8821



67.0552, -35.3743, -7.0221



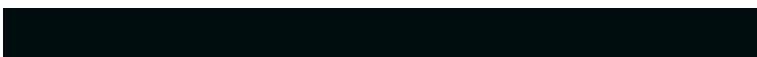
32.0085, 0.5430, -36.0898



26.5075, -3.3949, 0.7762



45.5267, -24.1337, -4.8067



5.5668, -2.9511, -0.5874

Previews

White Background



This preview shows how the HunterLab color 28.0200, 39.3497, 15.2117 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 28.0200, 39.3497, 15.2117 looks on a black 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

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

HunterLab 28.0200, 39.3497, 15.2117 Background



This preview shows how black text looks on a background with the HunterLab color 28.0200, 39.3497, 15.2117.



This preview shows how white text looks on a background with the HunterLab color 28.0200, 39.3497,

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

28.0200, 39.3497, 15.2117

Protanopia

28.6324, -3.1265, 12.4476

Deuteranopia

28.6124, 1.5133, 16.1872



Tritanopia

28.0200, 39.3497, 15.2117

Trichromacy



Original Color

28.0200, 39.3497, 15.2117

Protanomaly

26.7450, 12.2130, 12.2437

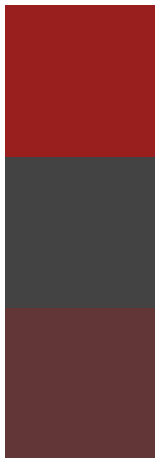
Deuteranomaly

27.1419, 16.1393, 14.9983

Tritanomaly

28.0200, 39.3497, 15.2117

Monochromacy



Original Color

28.0200, 39.3497, 15.2117

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

23.4549, 12.3938, 5.8476

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.0200, 39.3497, 15.2117 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(153, 31, 31)` looks like.

```
.text, #text, p{  
    color:rgb(153, 31, 31)  
}
```

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(153, 31, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 31, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 28.0200, 39.3497, 15.2117 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(153, 31, 31) }
```


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

```
.border{ border-color:rgb(153, 31, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 31, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 31, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 31, 31);  
box-shadow:4px 4px 4px 4px rgb(153, 31,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.0200, 39.3497, 15.2117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 31, 31) }
```

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

```
.background{ background-color: rgb(153, 31,  
31) }
```

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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