

Converting Colors

HunterLab(31.0177, 35.0520,
7.6779)

Have a look what the booklet for
HunterLab(31.0177, 35.0520,
7.6779) contains.

HunterLab(31.0177, 35.0520, 7.6779)	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(31.0177, 35.0520,
7.6779)**

Conversions

Conversions Part 1

Format	Color
Hex	993349
RGB	153, 51, 73
RGB Percent	60%, 20%, 29%
CMY	0.4000, 0.8000, 0.7137
CMYK	0.00, 0.67, 0.52, 0.40
HSL	347°, 50%, 40%
HSV	347°, 67%, 60%
XYZ	15.5233, 9.6210, 7.3422
YIQ	84.0060, 53.7300, 28.4660

Conversions

Conversions Part 2

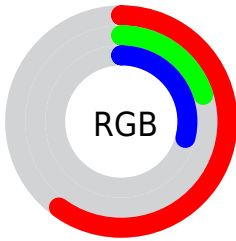
Format	Color
R_{YB}	153, 51, 73
Decimal	10040137
CIE _{Lab}	37.15, 44.20, 10.24
CIE _{LCh}	37, 45.366, 13.045
Yxy	9.6215, 0.4778, 0.2962
Android (android.graphics.Color)	4288230217 (0xFF993349)
YUV	84.0060, -5.4260, 60.5077
Hunter-Lab	31.0177, 35.0520, 7.6779

Details

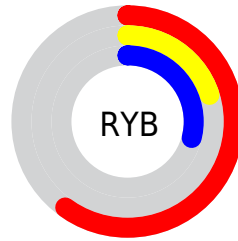
The HunterLab color **31.0177, 35.0520, 7.6779** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **50.1250, -27.7006, 5.0006**, and the grayscale version is **29.7837, -1.5892, 1.6182**.

A 20% lighter version of the original color is **49.9298, 38.3398, 9.9574**, and **16.2331, 28.3771, 6.0133** is the 20% darker color. If you saturate the color by 10%, you get **28.9020, 39.5989, 9.4458**, and if you desaturate by 10%, it is **33.7053, 29.6834, 6.1703**.

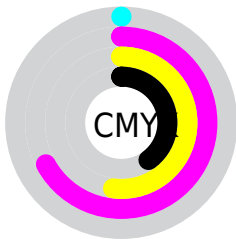
Distribution



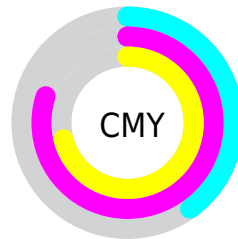
- Red (60%)
- Green (20%)
- Blue (29%)



- Red (60%)
- Yellow (20%)
- Blue (29%)



- Cyan (0%)
- Magenta (67%)
- Yellow (52%)
- Black (40%)



- Cyan (40%)
- Magenta (80%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.0177, 35.0520, 7.6779 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 31.0177, 35.0520, 7.6779 by changing the saturation by 10% instead.

31.0177, 35.0520,
7.6779

31.0177, 35.0520,
7.6779

137.0945, 46.3205,
18.0271

22.6908, 33.2642,
6.4889

50.0811, 38.2934,
9.9784

15.2800, 31.4405,
5.2399

60.6933, 39.7386,
11.1137

8.8996, 29.9632,
5.2538

71.9644, 41.0725,
12.2485

0.0000, INF, NaN

0.0000, NaN, NaN

83.8580, 42.3023,
13.3872

0.0000, NaN, NaN

96.3430, 43.4355,
14.5325

0.0000, NaN, NaN

109.3926, 44.4790,

0.0000, NaN, NaN

15.6867

0.0000, NaN, NaN

122.9833, 45.4388,
16.8511

■ 31.0177, 35.0520,
7.6779

■ 31.0177, 35.0520,
7.6779

■ 28.9020, 39.5989,
9.4458

■ 33.7053, 29.6834,
6.1703

■ 27.4022, 42.9082,
11.3494

■ 36.8927, 23.8936,
4.9758

■ 26.4890, 44.7920,
13.1893

■ 40.5074, 17.9636,
4.0975

■ 26.2336, 45.3443,
13.7081

■ 44.4822, 12.0642,
3.5088

■ 48.7602, 6.2825,
3.1720

■ 53.2949, 0.6524,
3.0482

■ 58.0488, -4.8215,
3.1025

■ 62.9922, -10.1497,
3.3052

■ 68.1010, -15.3487,
3.6320

Harmonies

Analogous

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



31.0186, 34.2662, -8.2958



31.0177, 35.0520, 7.6779



31.0186, 24.6546, 15.9005

Triad

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



31.0186, 35.0494, 7.6786



31.0186, -20.2405, 16.5070



31.0186, -10.2568, -42.3509

Complementary

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



31.0177, 35.0520, 7.6779



50.1250, -27.7006, 5.0006

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.



31.0186, -21.3561, -26.2403



31.0177, 35.0520, 7.6779



31.0186, -26.2528, 9.1689

Square

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



31.0186, 35.0494, 7.6786



31.0186, -8.4021, 18.9336



31.0186, -26.6140, -5.8017



31.0186, 5.7193, -43.4979

Rectangle

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



31.0177, 35.0520, 7.6779



31.0186, 13.8234, 18.2196



31.0186, -26.6140, -5.8017



31.0186, -14.5932, -38.2345

Sweetspot

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



31.0186, 35.0494, 7.6786



63.0729, 11.2731, 4.3771



30.7985, 40.4490, -38.3302



28.9475, 6.2307, 2.1110



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.



31.0186, 35.0494, 7.6786



37.5858, 55.4097, 13.8846



35.6857, 20.5642, 17.1445



24.9868, 0.9975, 1.4680



23.8583, 41.2562, 12.3305



2.9951, 5.3303, 0.3759

Inverse Universe

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



31.0186, 35.0494, 7.6786



37.5858, 55.4097, 13.8846



41.7668, -11.8250, -17.2513



24.9868, 0.9975, 1.4680



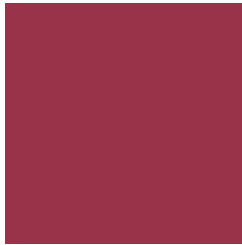
23.8583, 41.2562, 12.3305



2.9951, 5.3303, 0.3759

Previews

White Background



This preview shows how the HunterLab color 31.0177, 35.0520, 7.6779 looks on a white background.

Color Contrast Check

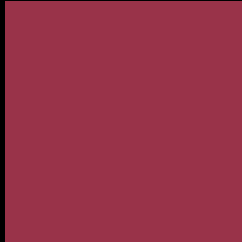
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0177, 35.0520, 7.6779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

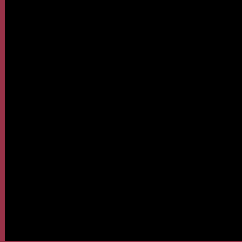
Any Text WCAG AA × Fail

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 31.0177, 35.0520, 7.6779 Background



This preview shows how black text looks on a background with the HunterLab color 31.0177, 35.0520, 7.6779.



This preview shows how white text looks on a background with the HunterLab color 31.0177, 35.0520,

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

31.0177, 35.0520, 7.6779

Protanopia

31.4261, -0.8011, 0.2479

Deuteranopia

31.3965, 1.9141, 9.0524



Tritanopia

30.9986, 32.1651, 12.2606

Trichromacy



Original Color

31.0177, 35.0520, 7.6779

Protanomaly

30.2205, 11.1290, 1.9552

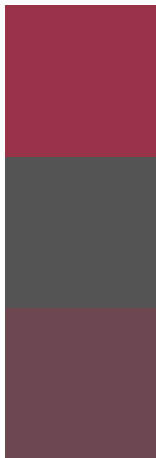
Deuteranomaly

30.5694, 13.7364, 7.8389

Tritanomaly

30.9524, 33.0247, 10.6429

Monochromacy



Original Color

31.0177, 35.0520, 7.6779

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.0949, 10.8767, 2.6527

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.0177, 35.0520, 7.6779 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, 51, 73)` looks like.

```
.text, #text, p{  
    color:rgb(153, 51, 73)  
}
```

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, 51, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 51, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 31.0177, 35.0520, 7.6779 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, 51, 73) }
```


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

```
.border{ border-color:rgb(153, 51, 73) }
```

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

Here you see how a box with a 4 pixel rgb(153, 51, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 51, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 51, 73);  
box-shadow:4px 4px 4px 4px rgb(153, 51,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.0177, 35.0520, 7.6779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 51, 73) }
```

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

```
.background{ background-color: rgb(153, 51,  
73) }
```

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