

Converting Colors

HunterLab(29.2668, 10.3641,
17.1757)

Have a look what the booklet for
HunterLab(29.2668, 10.3641,
17.1757) contains.

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Color

**HunterLab(29.2233, 10.5523,
17.1161)**

Conversions

Conversions Part 1

Format	Color
Hex	784711
RGB	120, 71, 17
RGB Percent	47%, 28%, 7%
CMY	0.5294, 0.7216, 0.9333
CMYK	0.00, 0.41, 0.86, 0.53
HSL	31°, 75%, 27%
HSV	31°, 86%, 47%
XYZ	10.1001, 8.5400, 1.6463
YIQ	79.4950, 46.5380, -6.4060

Conversions

Conversions Part 2

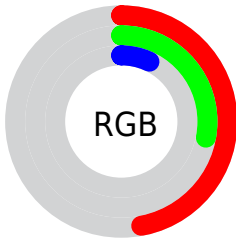
Format	Color
R_{YB}	110, 120, 17
Decimal	7882513
CIE Lab	35.08, 16.64, 38.62
CIE LCh	35, 42.051, 66.690
Yxy	8.5405, 0.4979, 0.4210
Android (android.graphics.Color)	4286072593 (0xFF784711)
YUV	79.4950, -30.8100, 35.5229
Hunter-Lab	29.2233, 10.5523, 17.1161

Details

The HunterLab color **29.2233, 10.5523, 17.1161** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **23.1762, 2.3363, -31.1356**, and the grayscale version is **28.2372, -1.5067, 1.5342**.

A 20% lighter version of the original color is **48.0049, 11.0891, 23.5978**, and **13.9360, 9.4100, 8.7520** is the 20% darker color. If you saturate the color by 10%, you get **27.9617, 12.8637, 17.1506**, and if you desaturate by 10%, it is **30.5766, 8.3787, 16.7337**.

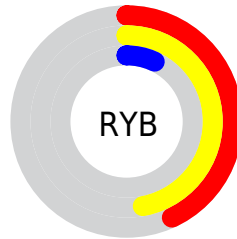
Distribution



Red (47%)

Green (28%)

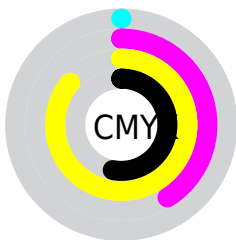
Blue (7%)



Red (43%)

Yellow (47%)

Blue (7%)

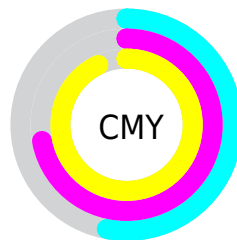


Cyan (0%)

Magenta (41%)

Yellow (86%)

Black (53%)



Cyan (53%)

Magenta (72%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2233, 10.5523, 17.1161 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 29.2233, 10.5523, 17.1161 by changing the saturation by 10% instead.

■ 29.2233, 10.5523,
17.1161

■ 29.2233, 10.5523,
17.1161

■ 134.1312, 12.0320,
42.3419

■ 21.0777, 9.9316,
13.8439

■ 47.9701, 11.4306,
23.6299

■ 13.8714, 9.1614,
9.7099

■ 58.4408, 11.7252,
26.6052

■ 7.5022, 9.3583,
5.2515

■ 69.5787, 11.9384,
29.4439

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.3461, 12.0788,
32.1731

0.0000, NaN, NaN

■ 93.7110, 12.1532,
34.8132

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 106.6457, 12.1672,


37.3801

0.0000, NaN, NaN


 120.1262, 12.1256,
39.8863

 29.2233, 10.5523,
17.1161

 29.2233, 10.5523,
17.1161

 27.9617, 12.8637,
17.1506


 30.5766, 8.3787,
16.7337

 27.4568, 13.8317,
17.1609

 32.0177, 6.3818,
15.9559

 33.5421, 4.5687,
14.7945

 35.1442, 2.9412,
13.2699

 36.8188, 1.4957,
11.4071

■ 38.5607, 0.2252,
9.2325

■ 40.3649, -0.8791,
6.7725

■ 42.2271, -1.8273,
4.0521

■ 44.1430, -2.6299,
1.0946

Harmonies

Analogous

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



29.2241, 24.8840, 13.5684



29.2233, 10.5523, 17.1161



29.2241, -4.7971, 17.7142

Triad

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



29.2241, 10.5505, 17.1164



29.2241, -24.7609, -1.7356



29.2241, 17.4218, -29.4323

Complementary

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



29.2233, 10.5523, 17.1161



23.1762, 2.3363, -31.1356

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.



29.2241, 1.8226, -39.9854



29.2233, 10.5523, 17.1161



29.2241, -21.0292, -19.5983

Square

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



29.2241, 10.5505, 17.1164



29.2241, -23.3407, 10.3907



29.2241, -11.9734, -35.6975



29.2241, 29.3699, -11.2495

Rectangle

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



29.2233, 10.5523, 17.1161



29.2241, -13.2568, 16.8995



29.2241, -11.9734, -35.6975



29.2241, 12.3240, -34.3152

Sweetspot

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



29.2241, 10.5505, 17.1164



50.9505, 0.4260, 12.4909



21.9012, 34.6401, -0.1818



24.4889, 0.4259, 6.4845



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



29.2241, 10.5505, 17.1164



36.0428, 19.1716, 22.5450



41.6470, -11.4750, 24.7067



20.8095, -0.7677, 2.4825



28.6283, 14.5579, 17.8955



61.1391, 34.9217, 38.2850

Inverse Universe

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



23.1762, 2.3363, -31.1356



26.9851, 8.4138, -51.8920



13.7573, 25.9263, -67.6490



20.4421, -1.3675, -0.3145



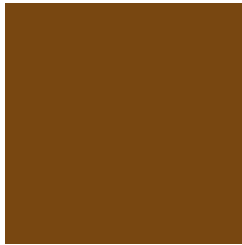
21.5698, 5.9891, -39.8892



45.2895, 16.7906, -92.8541

Previews

White Background



This preview shows how the HunterLab color 29.2233, 10.5523, 17.1161 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 29.2233, 10.5523, 17.1161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

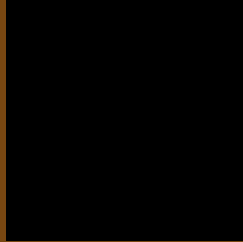
Any Text WCAG AA × Fail

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 29.2233, 10.5523, 17.1161 Background



This preview shows how black text looks on a background with the HunterLab color 29.2233, 10.5523, 17.1161.



This preview shows how white text looks on a background with the HunterLab color 29.2233, 10.5523,

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

29.2233, 10.5523, 17.1161

Protanopia

29.2646, -4.0411, 16.6211

Deuteranopia

29.3628, 1.4306, 17.4160



Tritanopia

29.2614, 17.4434, 6.2574

Trichromacy



Original Color

29.2233, 10.5523, 17.1161

Protanomaly

29.1934, 0.9270, 16.7538

Deuteranomaly

29.1815, 4.5602, 17.2172

Tritanomaly

29.1733, 14.3588, 11.8626

Monochromacy



Original Color

29.2233, 10.5523, 17.1161

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

27.9894, 1.4914, 9.3477

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2233, 10.5523, 17.1161 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(120, 71, 17)` looks like.

```
.text, #text, p{  
    color:rgb(120, 71, 17)  
}
```

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(120, 71, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 71, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2233, 10.5523, 17.1161 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(120, 71, 17) }
```


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

```
.border{ border-color:rgb(120, 71, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 71, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 71, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 71, 17);  
box-shadow:4px 4px 4px 4px rgb(120, 71,  
17) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.2233, 10.5523, 17.1161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 71, 17) }
```

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

```
.background{ background-color: rgb(120, 71,  
17) }
```

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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