

Converting Colors

HunterLab(40.7199, -30.5840,
21.0502)

Have a look what the booklet for
HunterLab(40.7199, -30.5840,
21.0502) contains.

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Color

**HunterLab(40.7166,
-30.5975, 21.0839)**

Conversions

Conversions Part 1

Format	Color
Hex	27822C
RGB	39, 130, 44
RGB Percent	15%, 51%, 17%
CMY	0.8471, 0.4902, 0.8274
CMYK	0.70, 0.00, 0.66, 0.49
HSL	123°, 54%, 33%
HSV	123°, 70%, 51%
XYZ	9.2739, 16.5784, 5.0940
YIQ	92.9870, -26.6300, -46.0380

Conversions

Conversions Part 2

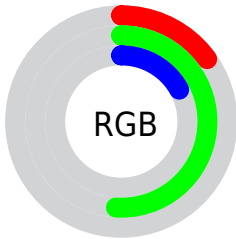
Format	Color
R_{YB}	39, 125, 130
Decimal	2589228
CIE _{Lab}	47.73, -44.49, 37.80
CIE _{LCh}	48, 58.381, 139.644
Yxy	16.5791, 0.2997, 0.5357
Android (android.graphics.Color)	4280779308 (0xFF27822C)
YUV	92.9870, -24.1506, -47.3466
Hunter-Lab	40.7166, -30.5975, 21.0839

Details

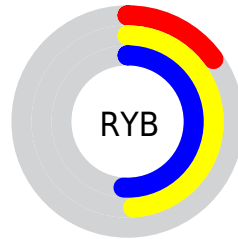
The HunterLab color **40.7166, -30.5975, 21.0839** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **27.7087, 39.3368, -23.7532**, and the grayscale version is **33.1747, -1.7701, 1.8024**.

A 20% lighter version of the original color is **61.3437, -37.2518, 26.9124**, and **23.6473, -20.2776, 14.2164** is the 20% darker color. If you saturate the color by 10%, you get **40.3587, -32.3002, 22.3254**, and if you desaturate by 10%, it is **41.2120, -28.2886, 19.4636**.

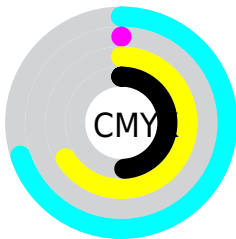
Distribution



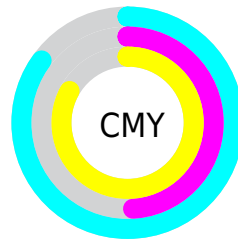
- Red (15%)
- Green (51%)
- Blue (17%)



- Red (15%)
- Yellow (49%)
- Blue (51%)



- Cyan (70%)
- Magenta (0%)
- Yellow (66%)
- Black (49%)



- Cyan (85%)
- Magenta (49%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7166, -30.5975, 21.0839 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 40.7166, -30.5975, 21.0839 by changing the saturation by 10% instead.

■ 40.7166, -30.5975,
21.0839

■ 40.7166, -30.5975,
21.0839

152.5566,
-56.8603, 44.7205

■ 31.5196, -26.9621,
17.8445

■ 61.3194, -37.2019,
27.0044

■ 23.1426, -22.9938,
14.4089

■ 72.6270, -40.2686,
29.7609

■ 15.6764, -18.5629,
10.9735

■ 84.5551, -43.2207,
32.4169

■ 9.2479, -16.1838,
6.4735

■ 97.0730, -46.0795,
34.9911

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.1541,
-48.8615, 37.4982

0.0000, NaN, NaN

■ 123.7751,

0.0000, NaN, NaN

-51.5791, 39.9496

0.0000, NaN, NaN

137.9154,
-54.2427, 42.3545

■ 40.7166, -30.5975,
21.0839

■ 40.7166, -30.5975,
21.0839

■ 40.3587, -32.3002,
22.3254

■ 41.2120, -28.2886,
19.4636

■ 40.1248, -33.4274,
23.2003

■ 41.8499, -25.3644,
17.4651

■ 39.9769, -34.1404,
23.7316

■ 42.6352, -21.8392,
15.1022

■ 43.5695, -17.7441,
12.3983

■ 44.6518, -13.1236,
9.3841

■ 45.8794, -8.0302,
6.0947

■ 47.2479, -2.5212,
2.5672

■ 48.7518, 3.3457,
-1.1616

■ 50.3848, 9.5151,
-5.0570

Harmonies

Analogous

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



40.7174, -15.9501, 25.2250



40.7166, -30.5975, 21.0839



40.7174, -37.0771, 9.0519

Triad

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



40.7174, -30.5981, 21.0841



40.7174, -9.7940, -64.3023



40.7174, 48.1677, 13.9365

Complementary

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



40.7166, -30.5975, 21.0839



27.7087, 39.3368, -23.7532

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.



40.7174, 50.8469, -6.0580



40.7166, -30.5975, 21.0839



40.7174, 13.7168, -60.2894

Square

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



40.7174, -30.5981, 21.0841



40.7174, -26.9518, -44.3890



40.7174, 37.1219, -35.3224



40.7174, 30.4532, 22.9629

Rectangle

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



40.7166, -30.5975, 21.0839



40.7174, -37.1365, -5.4471



40.7174, 37.1219, -35.3224



40.7174, 50.9857, 8.6300

Sweetspot

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



40.7174, -30.5981, 21.0841



59.0302, -18.3614, 13.0673



45.2841, -12.7382, 25.1677



27.9243, -9.4133, 6.6579



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



40.7174, -30.5981, 21.0841



53.3552, -43.8344, 30.3688



41.3756, -26.5695, 11.4708



21.9597, -3.5996, 2.7592



39.1453, -33.4271, 23.2312

0.0000, NaN, NaN

Inverse Universe

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



27.7087, 39.3368, -23.7532



34.1979, 60.1747, -35.9555



26.0299, 32.4723, -0.6575



20.9963, 1.4134, -0.4827



24.3281, 47.2857, -27.8692

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.7166, -30.5975, 21.0839 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 40.7166, -30.5975, 21.0839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

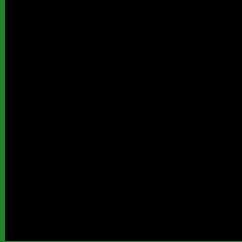
Any Text WCAG AA × Fail

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 40.7166, -30.5975, 21.0839 Background



This preview shows how black text looks on a background with the HunterLab color 40.7166, -30.5975, 21.0839.



This preview shows how white text looks on a background with the HunterLab color 40.7166,

-30.5975, 21.0839.

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

40.7166, -30.5975, 21.0839

Protanopia

40.4875, -5.2703, 22.0451

Deuteranopia

40.3031, 2.5591, 20.2719



Tritanopia

40.8017, -13.7838, -6.3021

Trichromacy



Original Color

40.7166, -30.5975, 21.0839

Protanomaly

39.6654, -17.1535, 21.0056

Deuteranomaly

39.1898, -12.7512, 19.6949

Tritanomaly

40.4726, -21.6014, 7.2681

Monochromacy



Original Color

40.7166, -30.5975, 21.0839

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.9750, -14.3973, 10.0151

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7166, -30.5975, 21.0839 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(39, 130, 44)` looks like.

```
.text, #text, p{  
    color:rgb(39, 130, 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(39, 130, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 130, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7166, -30.5975, 21.0839 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(39, 130, 44) }
```


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

```
.border{ border-color:rgb(39, 130, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 130, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 130, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 130, 44);  
box-shadow:4px 4px 4px 4px rgb(39, 130,  
44) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7166, -30.5975, 21.0839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 130, 44) }
```

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

```
.background{ background-color: rgb(39, 130,  
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](#).

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