

Converting Colors

HunterLab(20.7690, -12.1971,
9.0777)

Have a look what the booklet for
HunterLab(20.7690, -12.1971,
9.0777) contains.

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Color

**HunterLab(20.7690,
-12.1971, 9.0777)**

Conversions

Conversions Part 1

Format	Color
Hex	21421E
RGB	33, 66, 30
RGB Percent	13%, 26%, 12%
CMY	0.8706, 0.7412, 0.8823
CMYK	0.50, 0.00, 0.55, 0.74
HSL	115°, 37%, 19%
HSV	115°, 55%, 26%
XYZ	2.8098, 4.3135, 1.9128
YIQ	52.0290, -8.1120, -18.1920

Conversions

Conversions Part 2

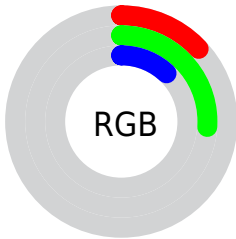
Format	Color
RYB	30, 66, 63
Decimal	2179614
CIELab	24.68, -20.75, 18.15
CIELCh	25, 27.569, 138.827
Yxy	4.3137, 0.3109, 0.4774
Android (android.graphics.Color)	4280369694 (0xFF21421E)
YUV	52.0290, -10.8603, -16.6884
Hunter-Lab	20.7690, -12.1971, 9.0777

Details

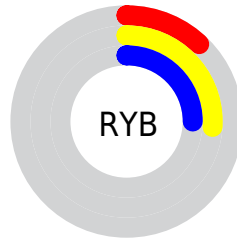
The HunterLab color **20.7690, -12.1971, 9.0777** is a dark color, and the websafe version is hex **003300**, and the color name is **myrtle**. A complement of this color would be **15.4235, 13.4899, -10.0746**, and the grayscale version is **18.5785, -0.9913, 1.0094**.

A 20% lighter version of the original color is **37.7467, -15.9513, 12.5243**, and **8.3382, -7.1500, 5.0128** is the 20% darker color. If you saturate the color by 10%, you get **20.4754, -13.5347, 9.9711**, and if you desaturate by 10%, it is **21.1188, -10.6324, 8.0049**.

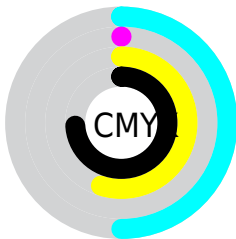
Distribution



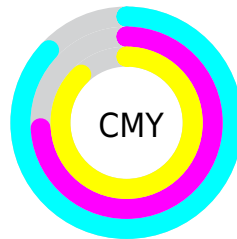
- Red (13%)
- Green (26%)
- Blue (12%)



- Red (12%)
- Yellow (26%)
- Blue (25%)



- Cyan (50%)
- Magenta (0%)
- Yellow (55%)
- Black (74%)



- Cyan (87%)
- Magenta (74%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7690, -12.1971, 9.0777 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 20.7690, -12.1971, 9.0777 by changing the saturation by 10% instead.

■ 20.7690, -12.1971,
9.0777

■ 20.7690, -12.1971,
9.0777

■ 119.5747,
-27.9925, 23.7008

■ 13.6035, -9.9754,
7.3391

■ 37.8363, -16.1197,
12.6936

■ 7.1999, -12.5998,
5.0399

■ 47.5643, -17.9327,
14.3664

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.0072, -19.6856,
15.9858

0.0000, NaN, NaN

■ 69.1191, -21.3954,
17.5676

0.0000, NaN, NaN

■ 80.8619, -23.0734,
19.1230

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.2034, -24.7284,

106.1157,
-26.3665, 22.1844

20.7690, -12.1971,
9.0777

20.7690, -12.1971,
9.0777

20.4754, -13.5347,
9.9711

21.1188, -10.6324,
8.0049

20.2356, -14.6381,
10.6828

21.5237, -8.8502,
6.7586

20.0481, -15.5075,
11.2158

21.9840, -6.8654,
5.3481

19.9030, -16.1921,
11.6726

22.4986, -4.6951,
3.7854

19.8295, -16.5440,
11.9292

23.0664, -2.3577,
2.0837

■ 23.6857, 0.1276,
0.2570

■ 24.3544, 2.7421,
-1.6806

■ 25.0705, 5.4678,
-3.7153

■ 25.8318, 8.2882,
-5.8343

Harmonies

Analogous

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



20.7694, -6.2053, 11.2181



20.7690, -12.1971, 9.0777



20.7694, -15.0286, 3.9666

Triad

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



20.7694, -12.1975, 9.0778



20.7694, -4.2326, -21.1293



20.7694, 17.0782, 5.6129

Complementary

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



20.7690, -12.1971, 9.0777



15.4235, 13.4899, -10.0746

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.



20.7694, 17.8397, -2.1721



20.7690, -12.1971, 9.0777



20.7694, 4.5309, -20.0908

Square

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



20.7694, -12.1975, 9.0778



20.7694, -10.9573, -14.6382



20.7694, 12.9398, -12.2031



20.7694, 11.0035, 9.8575

Rectangle

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



20.7690, -12.1971, 9.0777



20.7694, -15.1130, -1.4449



20.7694, 12.9398, -12.2031



20.7694, 17.9972, 3.4133

Sweetspot

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



20.7694, -12.1975, 9.0778



29.4989, -6.8232, 5.4486



21.9254, -3.6973, 10.1238



14.9894, -3.5780, 2.8491



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



20.7694, -12.1975, 9.0778



26.8727, -18.3506, 13.4763



20.8857, -11.2741, 5.6243



12.1105, -1.7533, 1.4723



29.2968, -24.6651, 17.6207



73.2543, -62.3406, 44.0476

Inverse Universe

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



15.4235, 13.4899, -10.0746



18.5025, 22.2370, -16.8979



15.2511, 12.0366, -2.5681



11.6281, 0.5264, -0.2184



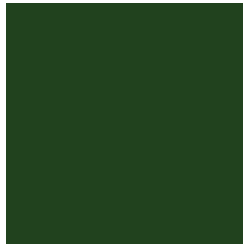
17.2527, 34.5374, -27.5453



42.9925, 86.1942, -69.6459

Previews

White Background



This preview shows how the HunterLab color 20.7690, -12.1971, 9.0777 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

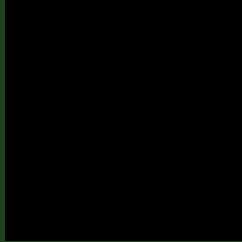
Any Text WCAG AA × Fail

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 20.7690, -12.1971, 9.0777 Background



This preview shows how black text looks on a background with the HunterLab color 20.7690, -12.1971, 9.0777.



This preview shows how white text looks on a background with the HunterLab color 20.7690,

-12.1971, 9.0777.

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

20.7690, -12.1971, 9.0777

Protanopia

20.8221, -2.5464, 9.6576

Deuteranopia

20.6827, 0.8057, 8.6340



Tritanopia

20.7892, -5.0399, -2.4225

Trichromacy



Original Color

20.7690, -12.1971, 9.0777

Protanomaly

20.7143, -6.8430, 9.3172

Deuteranomaly

20.5082, -4.8696, 8.6012

Tritanomaly

20.5753, -7.8749, 2.4836

Monochromacy



Original Color

20.7690, -12.1971, 9.0777

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.1468, -5.5393, 4.3224

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7690, -12.1971, 9.0777 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(33, 66, 30)` looks like.

```
.text, #text, p{  
    color:rgb(33, 66, 30)  
}
```

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(33, 66, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 66, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7690, -12.1971, 9.0777 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(33, 66, 30) }
```


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

```
.border{ border-color:rgb(33, 66, 30) }
```

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

Here you see how a box with a 4 pixel rgb(33, 66, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 66, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 66, 30);  
box-shadow:4px 4px 4px 4px rgb(33, 66, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7690, -12.1971, 9.0777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 66, 30) }
```

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

```
.background{ background-color: rgb(33, 66,  
30) }
```

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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